

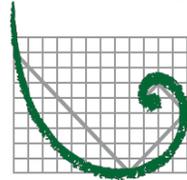


ICL-IP America, Inc.

Title V Renewal Application Gallipolis Ferry Plant

Gallipolis Ferry, West Virginia

Prepared By:



ERM

Environmental Resources Management, Inc.

Hurricane, West Virginia

February 2020



February 11, 2020

Director of the Division of Air Quality
WV Department of Environmental Protection
Division of Air Quality
601 57th Street, SE
Charleston, West Virginia, 25304

FEB 11 2020

**RE: Title V Renewal Permit Application
Gallipolis Ferry Plant
ICL-IP America, Inc.**

Please find the enclosed two (2) CDs of an ICL-IP America, Inc. Title V Renewal Permit Application. This renewal application is being submitted to fulfill the requirements of the ICL-IP America, Inc. current Title V Operating Permit, R30-05300007-2015.

If you have any questions concerning this renewal, please contact me at (304) 675-1150 x 213.

Sincerely,

A handwritten signature in blue ink, appearing to read "James Brent Turley".

James Brent Turley
Environmental Engineer II
ICL-IP America

cc: Grant Morgan, ERM – Grant.morgan@erm.com

Enclosures



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF AIR QUALITY

601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475

www.dep.wv.gov/daq

REC 11 2020

INITIAL/RENEWAL TITLE V PERMIT APPLICATION - GENERAL FORMS

Section 1: General Information

Form with 9 sections: 1. Name of Applicant (ICL-IP America, Inc.), 2. Facility Name or Location (Gallipolis Ferry Plant), 3. DAQ Plant ID No. (0 5 3 - 0 0 0 0 7), 4. Federal Employer ID No. (FEIN) (731708310), 5. Permit Application Type (Permit Renewal), 6. Type of Business Entity (Corporation), 7. Is the Applicant the: (Both), 8. Number of onsite employees (~135), 9. Governmental Code (Privately owned and operated; 0).

10. Business Confidentiality Claims

Does this application include confidential information (per 45CSR31)? Yes No

If yes, identify each segment of information on each page that is submitted as confidential, and provide justification for each segment claimed confidential, including the criteria under 45CSR§31-4.1, and in accordance with the DAQ's "PRECAUTIONARY NOTICE-CLAIMS OF CONFIDENTIALITY" guidance.

11. Mailing Address

Street or P.O. Box: 11636 Huntington Road

City: Gallipolis Ferry

State: WV

Zip: 25515

Telephone Number: (304) 675-1150

Fax Number: (304) 675-6570

12. Facility Location

Street:

State Route 2

City:

Gallipolis Ferry

County:

Mason

UTM Easting: 396.5 km

UTM Northing: 4,292.3 km

Zone: 17 or 18

Directions:

The facility is adjacent to State Route 2 in Gallipolis Ferry, WV.

Portable Source? Yes No

Is facility located within a nonattainment area? Yes No

If yes, for what air pollutants?

N/A

Is facility located within 50 miles of another state? Yes No

If yes, name the affected state(s).

Ohio

Is facility located within 100 km of a Class I Area¹? Yes No

If yes, name the area(s).

N/A

If no, do emissions impact a Class I Area¹? Yes No

¹ Class I areas include Dolly Sods and Otter Creek Wilderness Areas in West Virginia, and Shenandoah National Park and James River Face Wilderness Area in Virginia.

13. Contact Information		
Responsible Official: Roger Steele		Title: Site Manager
Street or P.O. Box: 11636 Huntington Road		
City: Gallipolis Ferry	State: WV	Zip: 25515
Telephone Number: (304) 675-1150		Fax Number: (304) 675-1150
E-mail address: N/A		
Environmental Contact: James Turley		Title: Environmental Engineer
Street or P.O. Box: 11636 Huntington Road		
City: Gallipolis Ferry	State: WV	Zip: 25515
Telephone Number: (304) 675-1150 x 213		Fax Number: (304) 675-1150
E-mail address: James.Turley@icl-group.com		
Application Preparer: Grant Morgan		Title: Engineer
Company: Environmental Resources Management (ERM)		
Street or P.O. Box: 204 Chase Drive		
City: Hurricane	State: WV	Zip: 25526
Telephone Number: (304) 757-4777 x 109		Fax Number: (304) 757-4799
E-mail address: grant.morgan@erm.com		

14. Facility Description

List all processes, products, NAICS and SIC codes for normal operation, in order of priority. Also list any process, products, NAICS and SIC codes associated with any alternative operating scenarios if different from those listed for normal operation.

Process	Products	NAICS	SIC
Phosphorus Trichloride	Phosphorus Trichloride (PCl ₃)	32519	2869
Phosphorus Oxychloride	Phosphorus Oxychloride (POCl ₃)	32519	2869
V-200	Tertiary Butyl Phenol 130 vis feedstock Tertiary Butyl Phenol 150 vis feedstock Tertiary Butyl Phenol 220 vis feedstock Tertiary Butyl Phenol 300 vis feedstock Tertiary Butyl Phenol 550 vis feedstock Iso Propyl Phenol 41 L Feedstock Iso Propyl Phenol 31 L Feedstock	32519	2869
Continuous TriAryl Phosphates	Tri Phenyl Phosphate Tertiary butyl phenyl phosphate 130 vis Tertiary butyl phenyl phosphate 150 vis Tertiary butyl phenyl phosphate 220 vis Tertiary butyl phenyl phosphate 300 vis Tertiary butyl phenyl phosphate 550 vis Para Tertiary butyl phenyl phosphate 220 vis Ortho Tertiary butyl phenyl phosphates 220 vis Isopropyl phenyl phosphate 3 1 L Isopropyl phenyl phosphate 4 1 L Tricesyl Phosphate Trixylenol Phosphate	32519	2869
Naturals	Triphenyl Phosphate Tertiary butyl phenyl phosphate 130 vis Tertiary butyl phenyl phosphate 150 vis Tertiary butyl phenyl phosphate 220 vis Tertiary butyl phenyl phosphate 300 vis Tertiary butyl phenyl phosphate 550 vis	32519	2869
Group 2	Fyrol CEF Fyrol FR-2 Fyrol PCF	32519	2869

Unit IV TBF/TBEP	Tributyl Phosphate Tributoxyethyl Phosphate Phosflex 362 Phosflex 390 Phosflex 418 Butyl Diphenyl Phosphate (DBPP)	32519	2869
R-9 System	Fyrolflex BPD Phosflex 362 Phosflex 390 Phosflex 418 Fyrolflex RPD E08-16T Fyrquel EHC Plus	32519	2869
Bis Phosphates	Fyrolflex BPD Resorcinol Bis Diphenyl Phosphate Para Tertiary butyl phenyl phosphate 220 vis Ortho Tertiary butyl phosphate 220 vis E08-16T	32519	2869
Alkyl Acid Phosphates	Ethyl Acid Phosphate (EAP) Butyl Acid Phosphate (BAP) Iso Octyl Acid Pyrophosphate (DOAPP)	32519	2869
Benzene Phosphorous Oxydichloride	Benzene Phosphorous Oxydichloride (BPA)	32519	2869
Benzene Phosphorous Acid	Benzene Phosphorous Acid (BPOD)	32519	2869
Fyrol 6	Fyrol 6 E06-16	32519	2869
Fyrol PNX	Fyrol PNX (Technical Grade) Fyrol PNX (Reagent Grade)	32519	2869
Victawet12	Victawet12	32519	2869

Provide a general description of operations.

The Gallipolis Ferry plant manufactures Aryl and Alkyl Phosphate Esters and other specialty chemicals.

15. Provide an **Area Map** showing plant location as **ATTACHMENT A**.

16. Provide a **Plot Plan(s)**, e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is located as **ATTACHMENT B**. For instructions, refer to "Plot Plan - Guidelines."

17. Provide a detailed **Process Flow Diagram(s)** showing each process or emissions unit as **ATTACHMENT C**. Process Flow Diagrams should show all emission units, control equipment, emission points, and their relationships.

Section 2: Applicable Requirements

18. Applicable Requirements Summary	
Instructions: Mark all applicable requirements.	
<input type="checkbox"/> SIP	<input type="checkbox"/> FIP
<input checked="" type="checkbox"/> Minor source NSR (45CSR13)	<input type="checkbox"/> PSD (45CSR14)
<input checked="" type="checkbox"/> NESHAP (45CSR34)	<input type="checkbox"/> Nonattainment NSR (45CSR19)
<input checked="" type="checkbox"/> Section 111 NSPS	<input checked="" type="checkbox"/> Section 112(d) MACT standards
<input type="checkbox"/> Section 112(g) Case-by-case MACT	<input checked="" type="checkbox"/> 112(r) RMP
<input type="checkbox"/> Section 112(i) Early reduction of HAP	<input type="checkbox"/> Consumer/commercial prod. reqts., section 183(e)
<input type="checkbox"/> Section 129 Standards/Reqts.	<input type="checkbox"/> Stratospheric ozone (Title VI)
<input type="checkbox"/> Tank vessel reqt., section 183(f)	<input type="checkbox"/> Emissions cap 45CSR§30-2.6.1
<input type="checkbox"/> NAAQS, increments or visibility (temp. sources)	<input checked="" type="checkbox"/> 45CSR27 State enforceable only rule
<input type="checkbox"/> 45CSR4 State enforceable only rule	<input type="checkbox"/> Acid Rain (Title IV, 45CSR33)
<input type="checkbox"/> Emissions Trading and Banking (45CSR28)	<input type="checkbox"/> Compliance Assurance Monitoring (40CFR64)
<input type="checkbox"/> CAIR NO _x Annual Trading Program (45CSR39)	<input type="checkbox"/> CAIR NO _x Ozone Season Trading Program (45CSR40)
<input type="checkbox"/> CAIR SO ₂ Trading Program (45CSR41)	

19. Non Applicability Determinations

List all requirements which the source has determined not applicable and for which a permit shield is requested. The listing shall also include the rule citation and the reason why the shield applies.

- SIP/FIP – Not a specifically sited facility under either plan
- Nonattainment NSR (45SCR19) – Mason County, West Virginia is listed as an attainment area for all NAAQS.
- Section 112(g) Case-by-case MACT – No case-by-case MACT is being requested.
- Section 112 (i) Early reduction of HAPs – This facility did not utilize the early reduction program.
- Section 129 – This facility does not operate a solid waste incinerator.
- Tank Vessel reqt., section 183(f) – The Gallipolis Ferry plant is located in an attainment area for all NAAQS.
- 45CSR28 – No emissions are banked or traded per this regulation.
- 45CSR14 – The Gallipolis Ferry plant does not have a PSD permit.
- 45CSR19 – This renewal does not trigger thresholds. Mason County, WV is an attainment area for all NAAQS.
- Section 183 (e) – This facility does not produce a 183(e) listed consumer or commercial product.
- Stratospheric ozone (Title VI) – This renewal does not involve any regulated pollutant.
- Emission Cap 45CSR section 30-2.6.1 – The facility has no emission cap agreement per section 2.6.1.
- 45CSR33 – The facility is not subject to the Acid Rain provisions listed in section 1.5.
- 45CSR26 – ICL is not subject of the EGU NOx Budget Trading Program.

Permit Shield

20. Facility-Wide Applicable Requirements

List all facility-wide applicable requirements. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements).

Open Burning - 45CSR§6-3.1 and 3.2
Asbestos - 40CFR61 and 45CSR15
Odor - 45CSR§4-3.1 (State enforceable only)
Permanent Shutdown - 45CSR§13-10.5
Standby Plan for Reducing Emissions - 45CSR§11-5.2
Emission Inventory - WV Code § 22-5-4(a)(14)
Ozone-Depleting Substances - 40CFR82, Subpart F
Risk Management Plan - 40CFR68

Permit Shield

For all facility-wide applicable requirements listed above, provide monitoring/testing / recordkeeping / reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number and/or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Monitoring - N/A
Testing - WV Code § 22-5-4(a)(15) and 45CSR13
Record Keeping Requirements
Monitoring Information - 45CSR§30-5.1.c.2.A
Retention of Records - 45CSR§30-5.1.c.2.B
Odor - 45CSR§30-5.1.c (State enforceable only)
Reporting Requirements
Responsible Official - 45CSR§30-4.4, 5.1.c.3.D and 5.1.c.3.E
Certified Emissions Statement - 45CSR§30-8
Compliance Certification - 45CSR§30-5.3.e
Semi-Annual Monitoring Reports - 45CSR§30-5.1.c.3.A
Deviations - 45CSR§30-5.1.c.3.B through D
New Applicable Requirements - 45CSR§30-4.3.h.1.B
Permit Shield - 45CSR§30-5.6

Are you in compliance with all facility-wide applicable requirements? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

Section 3: Facility-Wide Emissions

23. Facility-Wide Emissions Summary [Tons per Year]	
Criteria Pollutants	Potential Emissions
Carbon Monoxide (CO)	56.56
Nitrogen Oxides (NO _x)	77.71
Lead (Pb)	N/A
Particulate Matter (PM _{2.5}) ¹	6.12
Particulate Matter (PM ₁₀) ¹	6.12
Total Particulate Matter (TSP)	6.12
Sulfur Dioxide (SO ₂)	1.40
Volatile Organic Compounds (VOC)	138.41
Hazardous Air Pollutants ²	Potential Emissions
Propylene Oxide	3.24
Ethylene Oxide	0.51
Formaldehyde	0.26
Propylene Dichloride	5.29
Chlorine	0.14
Phosphorus	0.07
Epichlorhydrin	2.16
HCl	4.29
Cresol	0.013
Phenol	5.10
1,4 - Dioxane	<0.01
Diethanolamine	0.25
Other Combustion HAPs	1.29
Regulated Pollutants other than Criteria and HAP	Potential Emissions
Greenhouse Gases (GHGs)	Potential Emissions

Carbon Dioxide (CO ₂)	67,778.44
Nitrous Oxide (N ₂ O)	1.28
Methane (CH ₄)	0.13
Hydrofluorocarbons (HFCs)	N/A
Perfluorocarbons (PFCs)	N/A
Sulfur hexafluoride (SF ₆)	N/A
CO ₂ equivalent (CO ₂ e)	67,819.74
<p>¹PM_{2.5} and PM₁₀ are components of TSP.</p> <p>²For HAPs that are also considered PM or VOCs, emissions should be included in both the HAPs section and the Criteria Pollutants section.</p>	

Section 4: Insignificant Activities

24. Insignificant Activities (Check all that apply)	
<input checked="" type="checkbox"/>	1. Air compressors and pneumatically operated equipment, including hand tools.
<input checked="" type="checkbox"/>	2. Air contaminant detectors or recorders, combustion controllers or shutoffs.
<input checked="" type="checkbox"/>	3. Any consumer product used in the same manner as in normal consumer use, provided the use results in a duration and frequency of exposure which are not greater than those experienced by consumer, and which may include, but not be limited to, personal use items; janitorial cleaning supplies, office supplies and supplies to maintain copying equipment.
<input checked="" type="checkbox"/>	4. Bathroom/toilet vent emissions.
<input checked="" type="checkbox"/>	5. Batteries and battery charging stations, except at battery manufacturing plants.
<input type="checkbox"/>	6. Bench-scale laboratory equipment used for physical or chemical analysis, but not lab fume hoods or vents. Many lab fume hoods or vents might qualify for treatment as insignificant (depending on the applicable SIP) or be grouped together for purposes of description.
<input type="checkbox"/>	7. Blacksmith forges.
<input checked="" type="checkbox"/>	8. Boiler water treatment operations, not including cooling towers.
<input type="checkbox"/>	9. Brazing, soldering or welding equipment used as an auxiliary to the principal equipment at the source.
<input type="checkbox"/>	10. CO ₂ lasers, used only on metals and other materials which do not emit HAP in the process.
<input checked="" type="checkbox"/>	11. Combustion emissions from propulsion of mobile sources, except for vessel emissions from Outer Continental Shelf sources.
<input checked="" type="checkbox"/>	12. Combustion units designed and used exclusively for comfort heating that use liquid petroleum gas or natural gas as fuel.
<input checked="" type="checkbox"/>	13. Comfort air conditioning or ventilation systems not used to remove air contaminants generated by or released from specific units of equipment.
<input checked="" type="checkbox"/>	14. Demineralized water tanks and demineralizer vents.
<input type="checkbox"/>	15. Drop hammers or hydraulic presses for forging or metalworking.
<input type="checkbox"/>	16. Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substances being processed in the ovens or autoclaves or the boilers delivering the steam.
<input type="checkbox"/>	17. Emergency (backup) electrical generators at residential locations.
<input checked="" type="checkbox"/>	18. Emergency road flares.
<input type="checkbox"/>	19. Emission units which do not have any applicable requirements and which emit criteria pollutants (CO, NO _x , SO ₂ , VOC and PM) into the atmosphere at a rate of less than 1 pound per hour and less than 10,000 pounds per year aggregate total for each criteria pollutant from all emission units. Please specify all emission units for which this exemption applies along with the quantity of criteria pollutants emitted on an hourly and annual basis: _____ _____ _____ _____ _____ _____ _____ _____

24. Insignificant Activities (Check all that apply)	
<input type="checkbox"/>	<p>20. Emission units which do not have any applicable requirements and which emit hazardous air pollutants into the atmosphere at a rate of less than 0.1 pounds per hour and less than 1,000 pounds per year aggregate total for all HAPs from all emission sources. This limitation cannot be used for any source which emits dioxin/furans nor for toxic air pollutants as per 45CSR27.</p> <p>Please specify all emission units for which this exemption applies along with the quantity of hazardous air pollutants emitted on an hourly and annual basis:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<input type="checkbox"/>	21. Environmental chambers not using hazardous air pollutant (HAP) gases.
<input type="checkbox"/>	22. Equipment on the premises of industrial and manufacturing operations used solely for the purpose of preparing food for human consumption.
<input type="checkbox"/>	23. Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.
<input checked="" type="checkbox"/>	24. Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.
<input checked="" type="checkbox"/>	25. Equipment used for surface coating, painting, dipping or spray operations, except those that will emit VOC or HAP.
<input checked="" type="checkbox"/>	26. Fire suppression systems.
<input checked="" type="checkbox"/>	27. Firefighting equipment and the equipment used to train firefighters.
<input type="checkbox"/>	28. Flares used solely to indicate danger to the public.
<input checked="" type="checkbox"/>	29. Fugitive emission related to movement of passenger vehicle provided the emissions are not counted for applicability purposes and any required fugitive dust control plan or its equivalent is submitted.
<input checked="" type="checkbox"/>	30. Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation.
<input checked="" type="checkbox"/>	31. Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning or machining wood, metal or plastic.
<input type="checkbox"/>	32. Humidity chambers.
<input checked="" type="checkbox"/>	33. Hydraulic and hydrostatic testing equipment.
<input checked="" type="checkbox"/>	34. Indoor or outdoor kerosene heaters.
<input checked="" type="checkbox"/>	35. Internal combustion engines used for landscaping purposes.
<input type="checkbox"/>	36. Laser trimmers using dust collection to prevent fugitive emissions.
<input checked="" type="checkbox"/>	37. Laundry activities, except for dry-cleaning and steam boilers.
<input type="checkbox"/>	38. Natural gas pressure regulator vents, excluding venting at oil and gas production facilities.
<input type="checkbox"/>	39. Oxygen scavenging (de-aeration) of water.
<input type="checkbox"/>	40. Ozone generators.
<input checked="" type="checkbox"/>	41. Plant maintenance and upkeep activities (e.g., grounds-keeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and not otherwise triggering a permit modification. (Cleaning and painting activities qualify if they are not subject to VOC or HAP control requirements. Asphalt batch plant

24. Insignificant Activities (Check all that apply)	
	owners/operators must still get a permit if otherwise requested.)
<input checked="" type="checkbox"/>	42. Portable electrical generators that can be moved by hand from one location to another. "Moved by Hand" means that it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance, or device.
<input checked="" type="checkbox"/>	43. Process water filtration systems and demineralizers.
<input checked="" type="checkbox"/>	44. Repair or maintenance shop activities not related to the source's primary business activity, not including emissions from surface coating or de-greasing (solvent metal cleaning) activities, and not otherwise triggering a permit modification.
<input checked="" type="checkbox"/>	45. Repairs or maintenance where no structural repairs are made and where no new air pollutant emitting facilities are installed or modified.
<input checked="" type="checkbox"/>	46. Routing calibration and maintenance of laboratory equipment or other analytical instruments.
<input type="checkbox"/>	47. Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants. Shock chambers.
<input type="checkbox"/>	48. Shock chambers.
<input type="checkbox"/>	49. Solar simulators.
<input checked="" type="checkbox"/>	50. Space heaters operating by direct heat transfer.
<input checked="" type="checkbox"/>	51. Steam cleaning operations.
<input checked="" type="checkbox"/>	52. Steam leaks.
<input type="checkbox"/>	53. Steam sterilizers.
<input type="checkbox"/>	54. Steam vents and safety relief valves.
<input checked="" type="checkbox"/>	55. Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.
<input checked="" type="checkbox"/>	56. Storage tanks, vessels, and containers holding or storing liquid substances that will not emit any VOC or HAP. Exemptions for storage tanks containing petroleum liquids or other volatile organic liquids should be based on size limits such as storage tank capacity and vapor pressure of liquids stored and are not appropriate for this list.
<input type="checkbox"/>	57. Such other sources or activities as the Director may determine.
<input checked="" type="checkbox"/>	58. Tobacco smoking rooms and areas.
<input checked="" type="checkbox"/>	59. Vents from continuous emissions monitors and other analyzers.

Section 5: Emission Units, Control Devices, and Emission Points

25. Equipment Table
Fill out the Title V Equipment Table and provide it as ATTACHMENT D .
26. Emission Units
For each emission unit listed in the Title V Equipment Table , fill out and provide an Emission Unit Form as ATTACHMENT E .
For each emission unit not in compliance with an applicable requirement, fill out a Schedule of Compliance Form as ATTACHMENT F .
27. Control Devices
For each control device listed in the Title V Equipment Table , fill out and provide an Air Pollution Control Device Form as ATTACHMENT G .
For any control device that is required on an emission unit in order to meet a standard or limitation for which the potential pre-control device emissions of an applicable regulated air pollutant is greater than or equal to the Title V Major Source Threshold Level, refer to the Compliance Assurance Monitoring (CAM) Form(s) for CAM applicability. Fill out and provide these forms, if applicable, for each Pollutant Specific Emission Unit (PSEU) as ATTACHMENT H .

Section 6: Certification of Information

28. Certification of Truth, Accuracy and Completeness and Certification of Compliance

*Note: This Certification must be signed by a responsible official. The **original**, signed in **blue ink**, must be submitted with the application. Applications without an **original** signed certification will be considered as incomplete.*

a. Certification of Truth, Accuracy and Completeness

I certify that I am a responsible official (as defined at 45CSR§30-2.38) and am accordingly authorized to make this submission on behalf of the owners or operators of the source described in this document and its attachments. I certify under penalty of law that I have personally examined and am familiar with the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine and/or imprisonment.

b. Compliance Certification

Except for requirements identified in the Title V Application for which compliance is not achieved, I, the undersigned hereby certify that, based on information and belief formed after reasonable inquiry, all air contaminant sources identified in this application are in compliance with all applicable requirements.

Responsible official (type or print)

Name:
Roger Steele

Title:
Site Manager

Responsible official's signature:

Signature: _____

Signature Date: _____

2-10-2020

(Must be signed and dated in blue ink)

Note: Please check all applicable attachments included with this permit application:

<input checked="" type="checkbox"/>	ATTACHMENT A: Area Map
<input checked="" type="checkbox"/>	ATTACHMENT B: Plot Plan(s)
<input checked="" type="checkbox"/>	ATTACHMENT C: Process Flow Diagram(s)
<input checked="" type="checkbox"/>	ATTACHMENT D: Equipment Table
<input checked="" type="checkbox"/>	ATTACHMENT E: Emission Unit Form(s)
<input checked="" type="checkbox"/>	ATTACHMENT F: Schedule of Compliance Form(s)
<input checked="" type="checkbox"/>	ATTACHMENT G: Air Pollution Control Device Form(s)
<input checked="" type="checkbox"/>	ATTACHMENT H: Compliance Assurance Monitoring (CAM) Form(s)

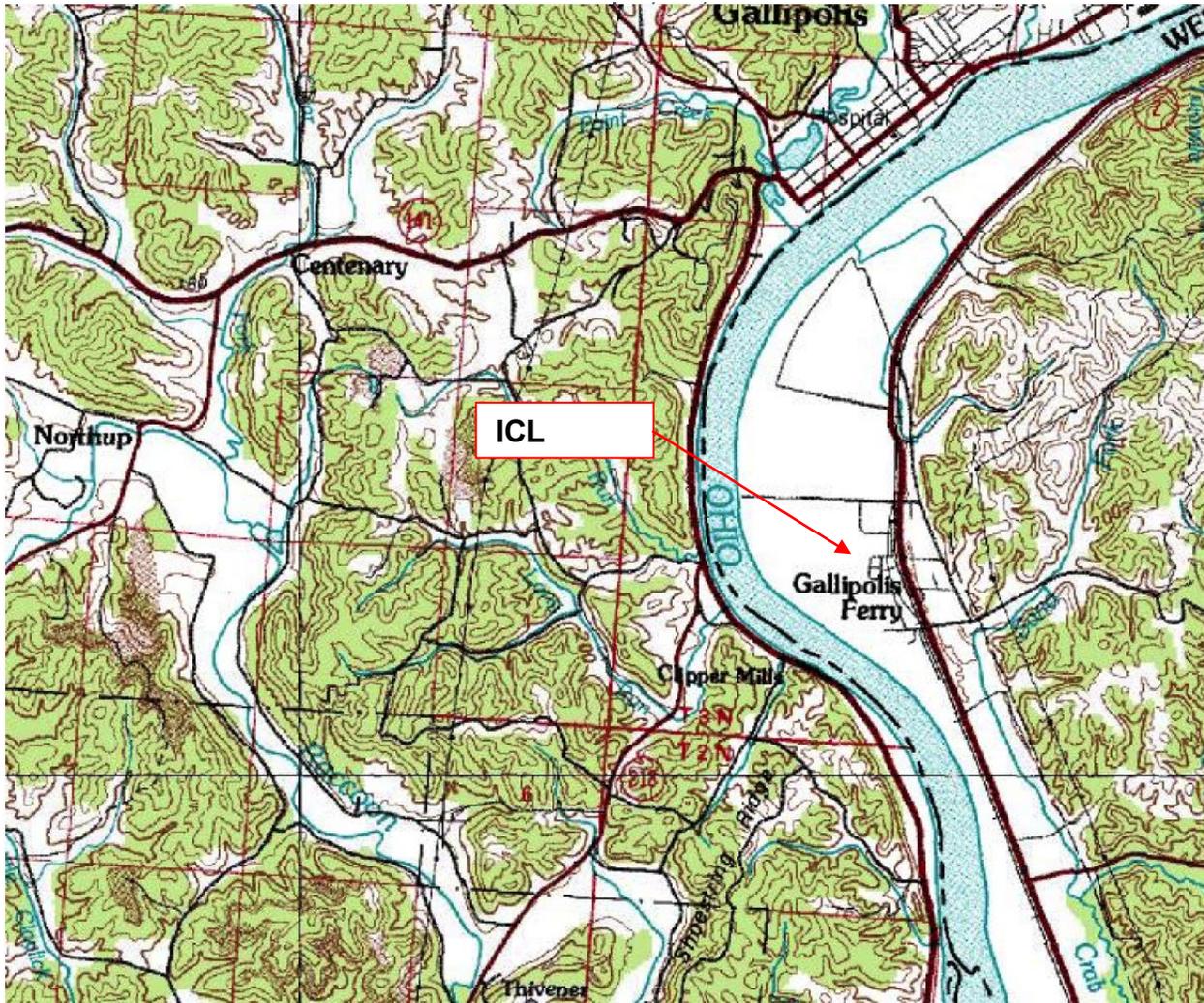
All of the required forms and additional information can be found and downloaded from, the DEP website at www.dep.wv.gov/dag, requested by phone (304) 926-0475, and/or obtained through the mail.

Table of Contents

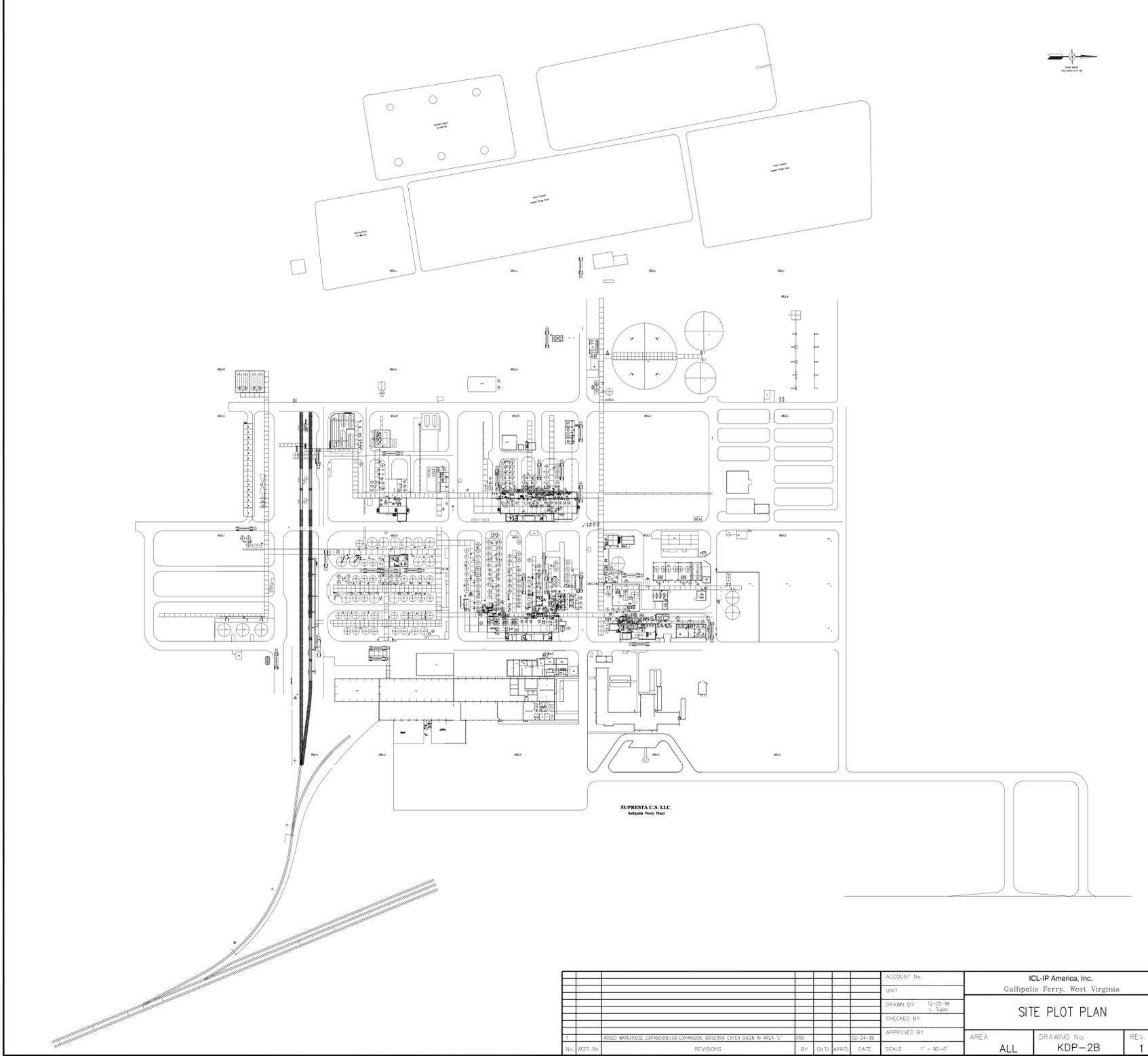
ATTACHMENT A	Area Map
ATTACHMENT B	Plot Plan
ATTACHMENT C	Process Flow Diagrams
ATTACHMENT D	Equipment Tables
ATTACHMENT E	Emission Unit Forms
ATTACHMENT G	Air Pollution Control Device Forms
ATTACHMENT H	Compliance Assurance Monitoring

Attachment A

Attachment A Area Map



Attachment B

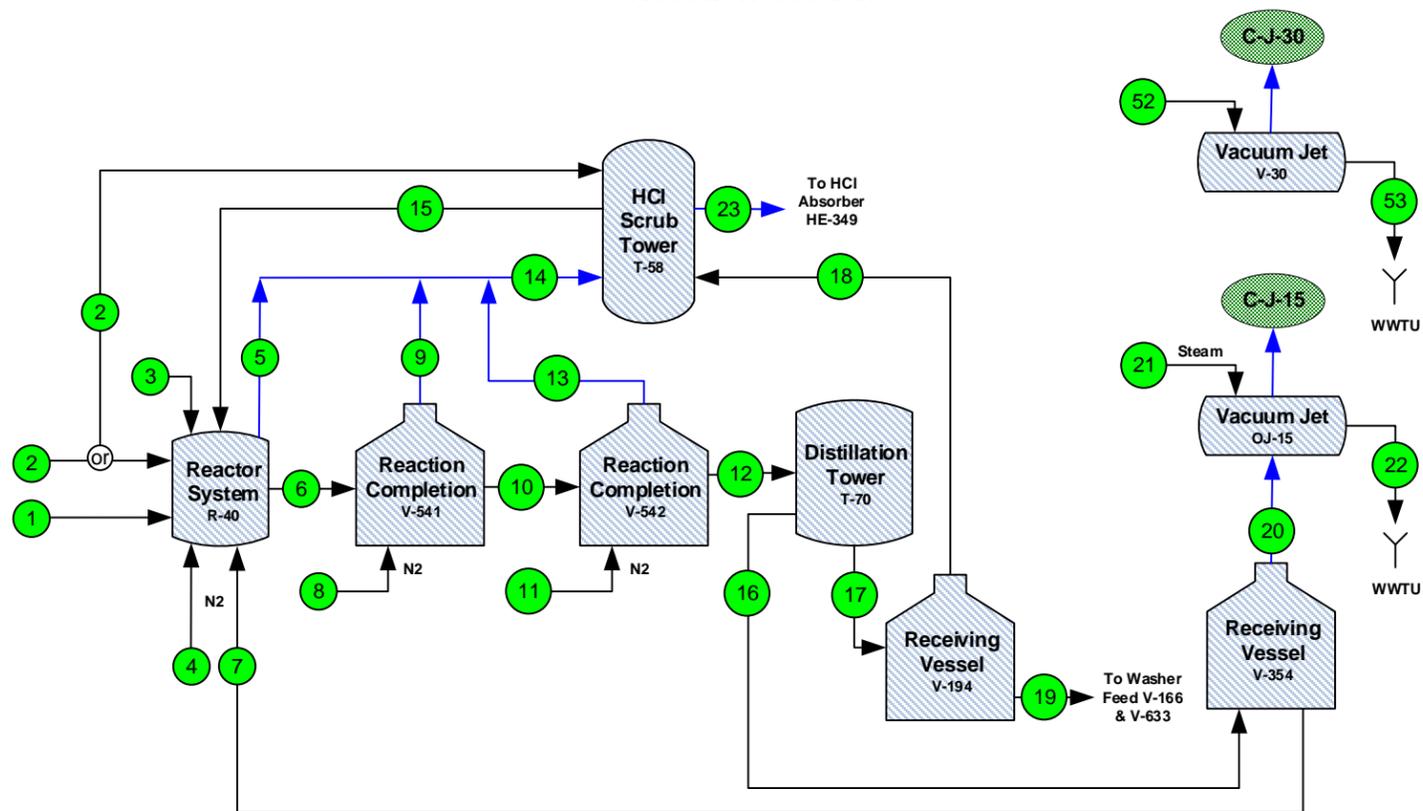


		ACCOUNT No.		ICL-IP America, Inc.				
		UNIT		Gallipolis Ferry, West Virginia				
		DRAWN BY 12-05-96 L. Tupper		SITE PLOT PLAN				
		CHECKED BY						
		APPROVED BY		AREA	DRAWING No.	REV.		
1	ADDED WAREHOUSE, EXPANSION/LAB EXPANSION, BOLERSA CATCH BASIN IN AREA 1	BRB	02-24-98	ALL	KDP-2B	1		
No.	ACCT. No.	REVISIONS	BY	CHKD.	APPRD.	DATE	SCALE	1" = 80'-0"

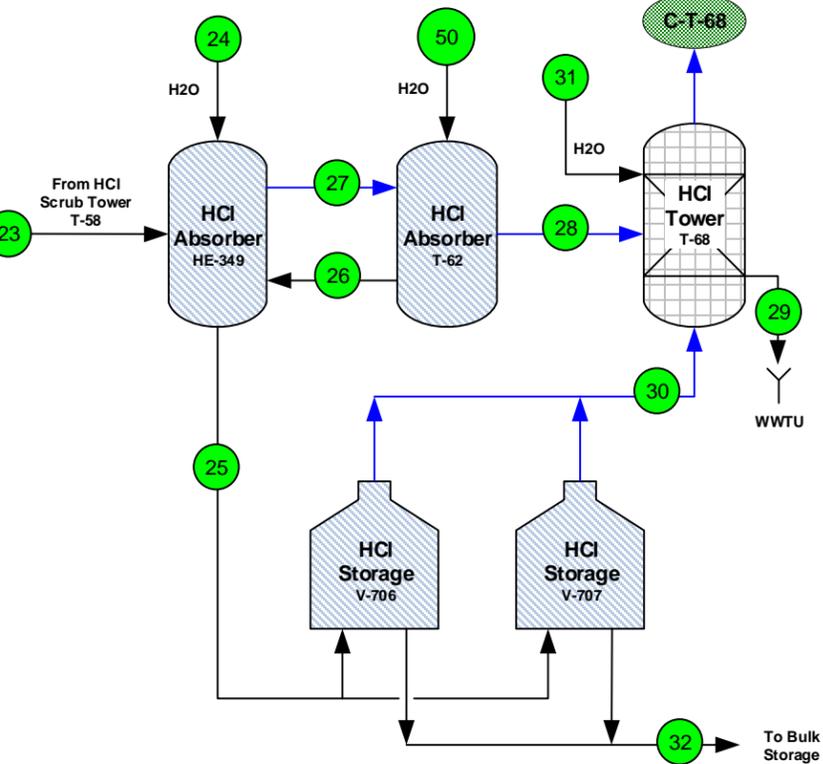
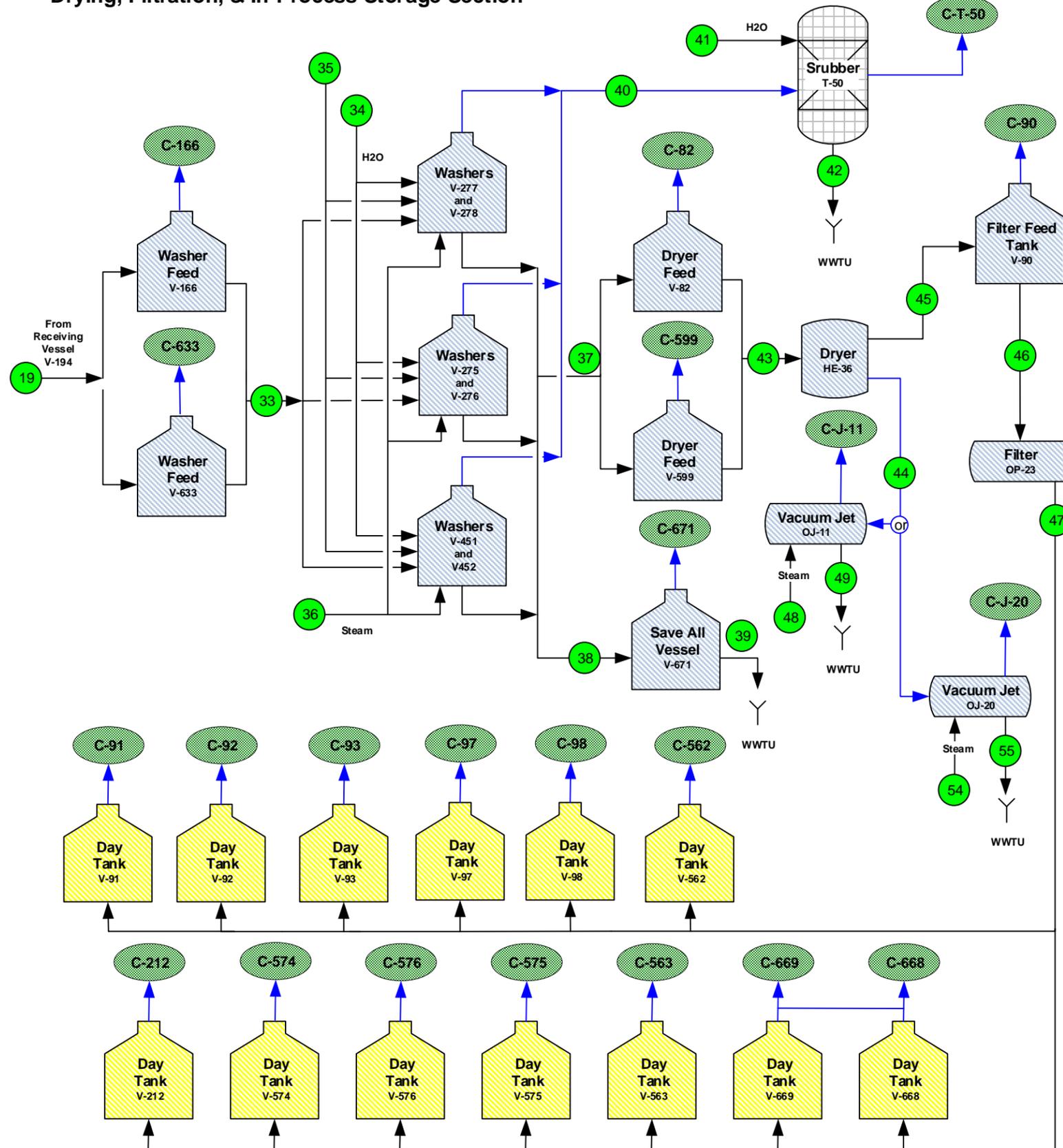
Attachment C

Attachment C – Process Flow Diagram Continuous Tri Aryl Production

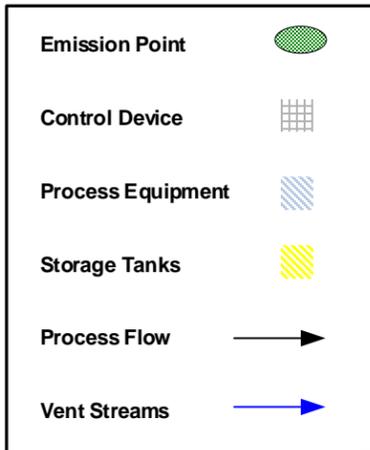
Reaction Section



Drying, Filtration, & In-Process Storage Section

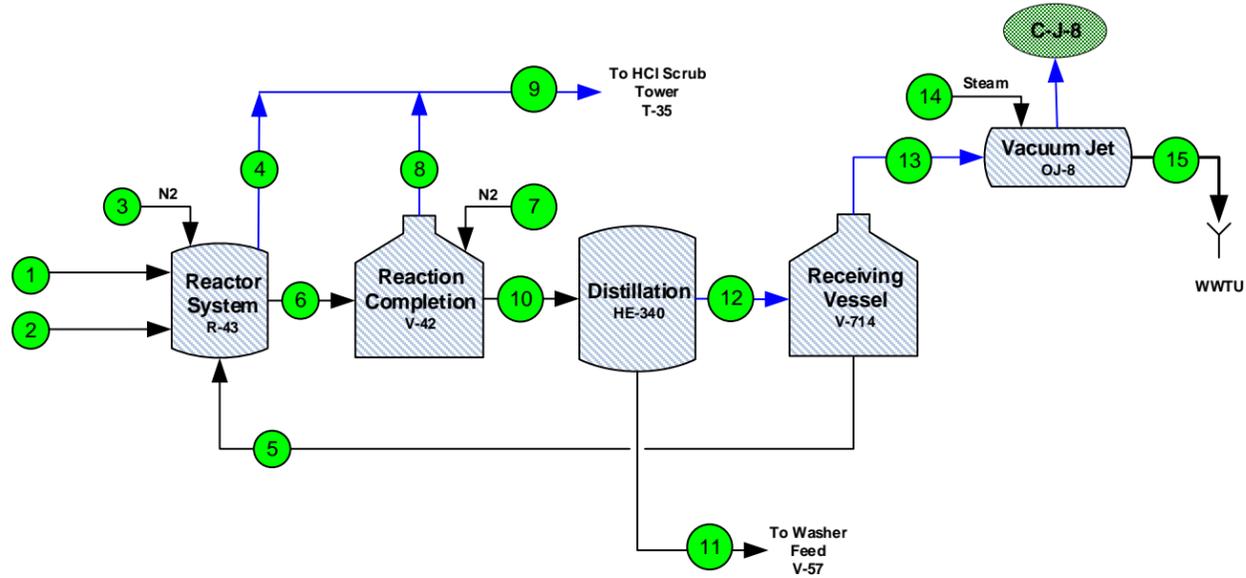


HCl Absorption Section

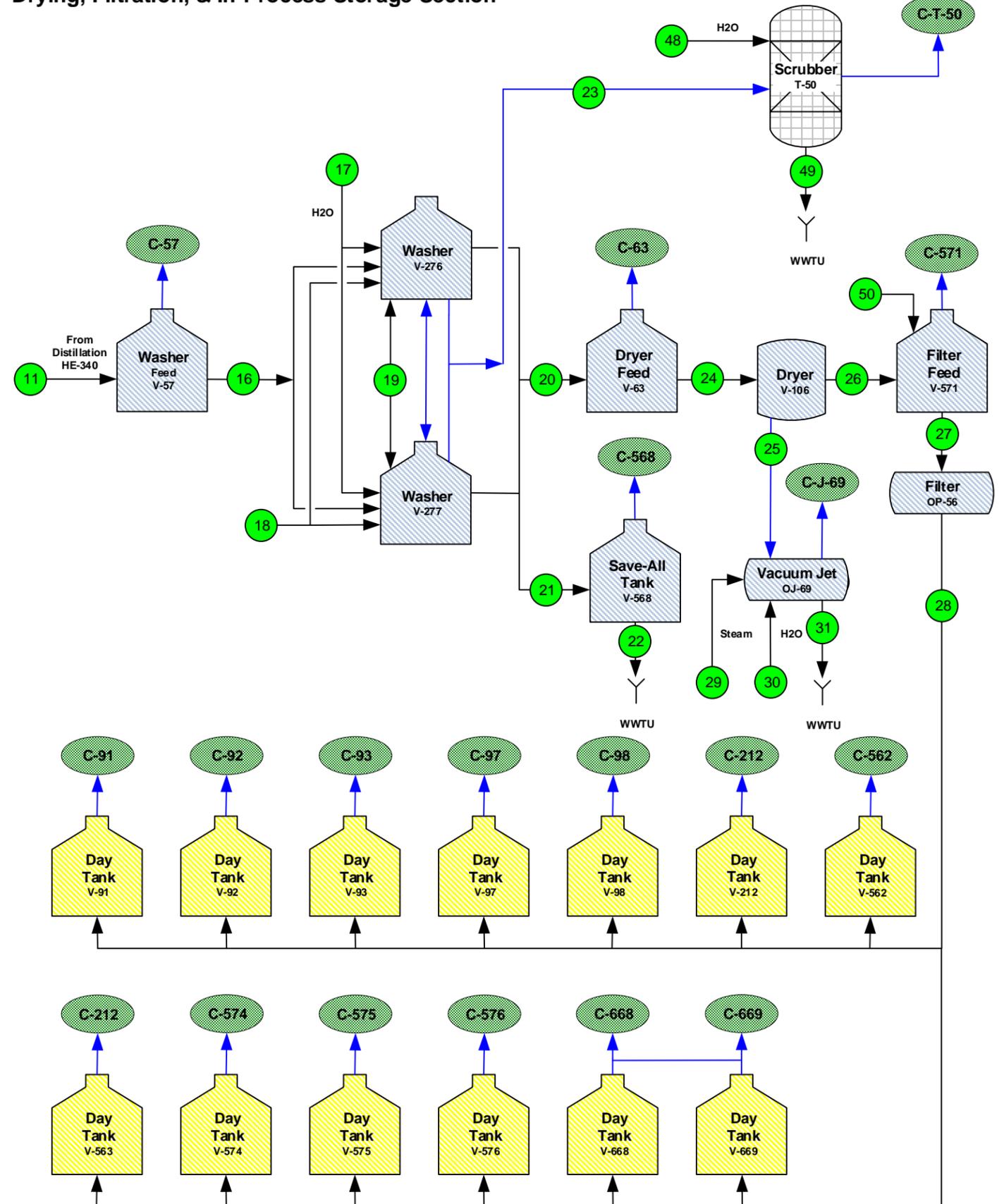


Attachment C – Process Flow Diagram Naturals Production

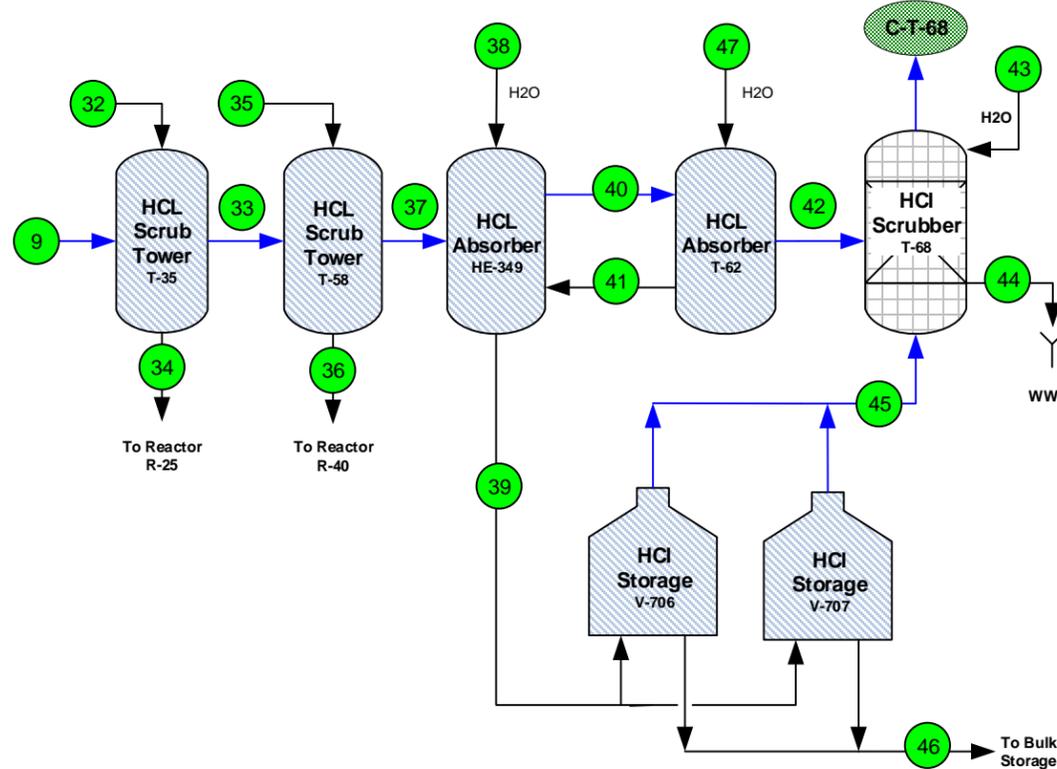
Reaction Section



Drying, Filtration, & In-Process Storage Section



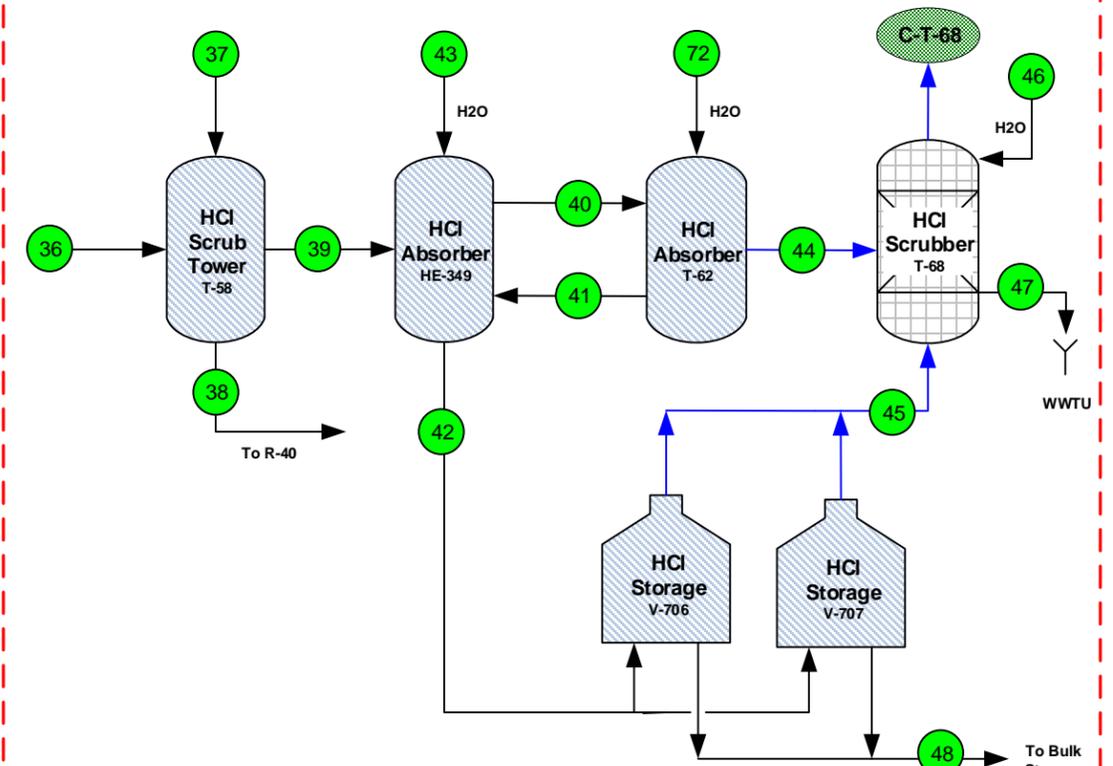
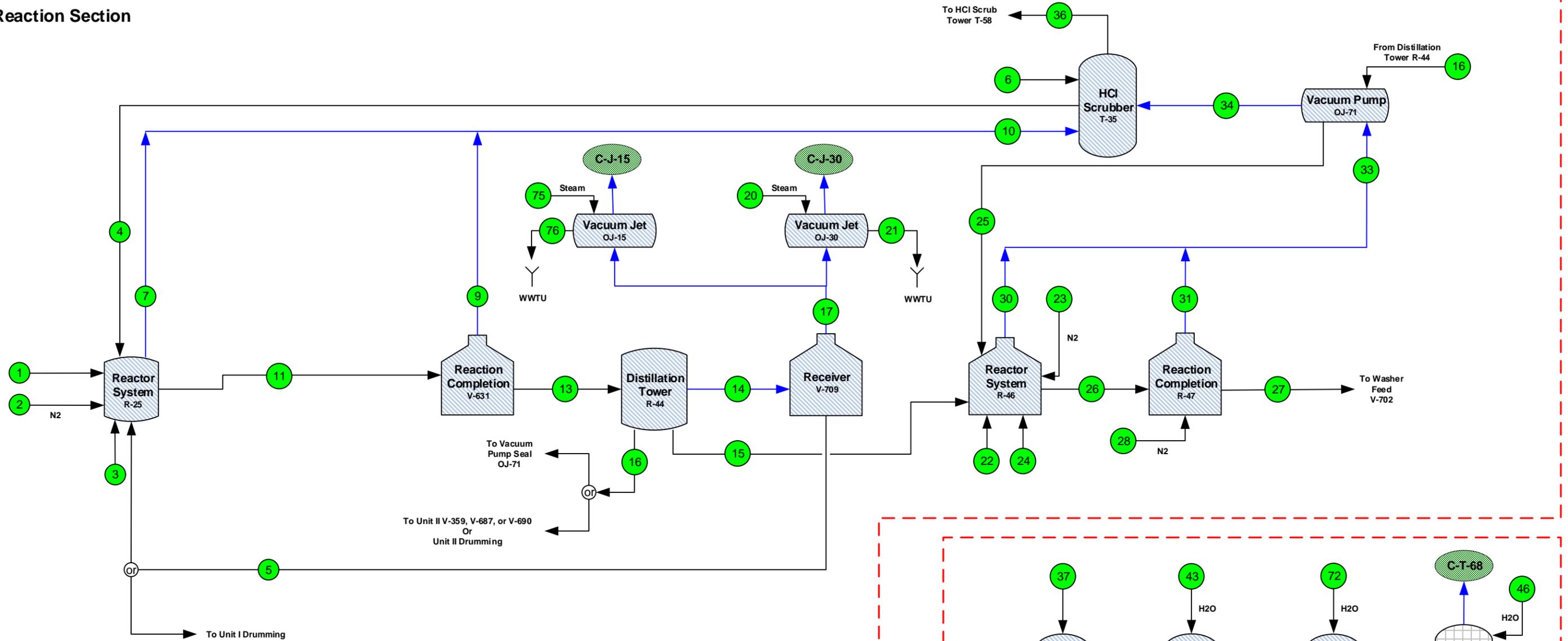
HCl Absorption Section



Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

Attachment C – Process Flow Diagram Bis Phosphates Production (1 of 2)

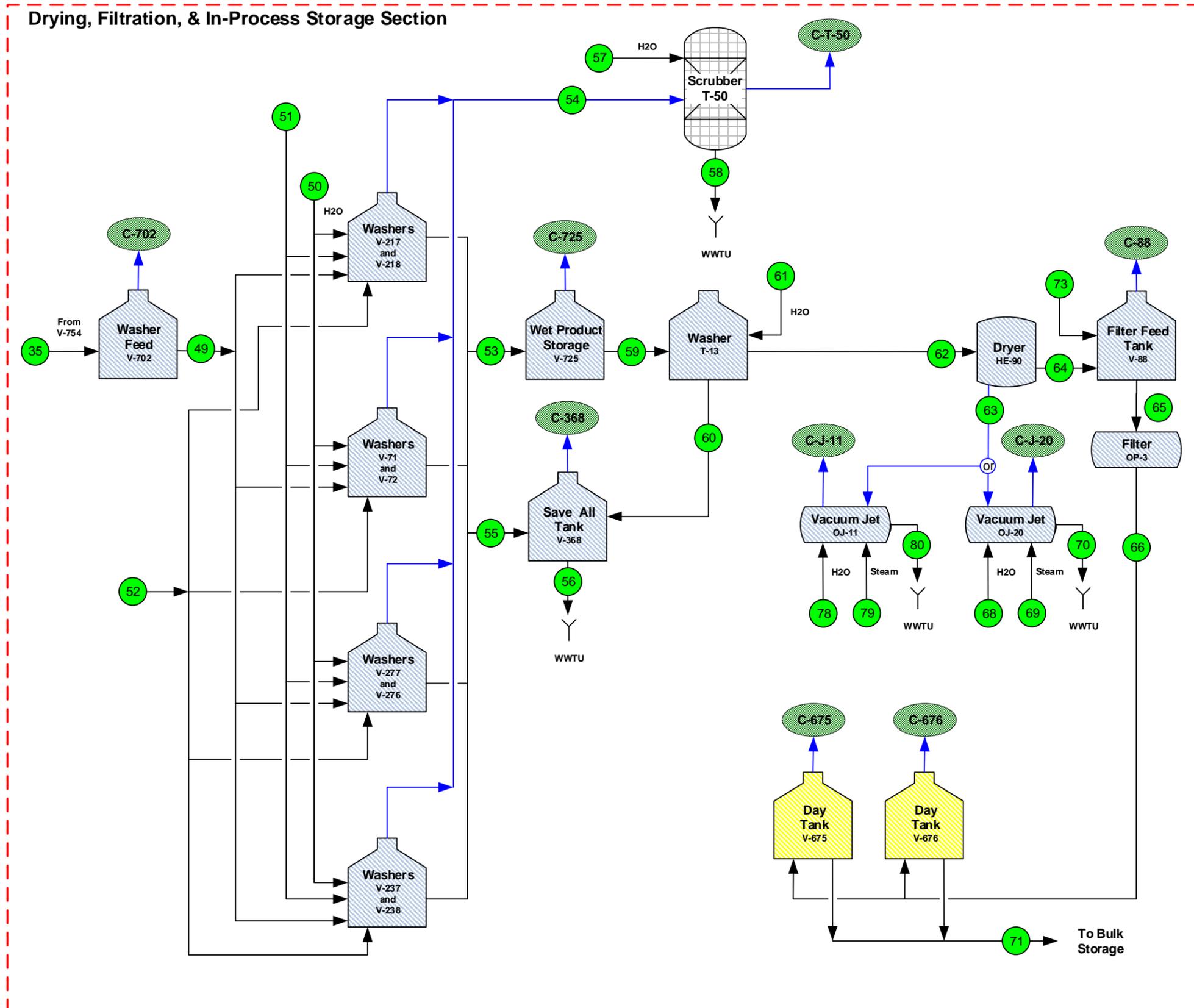
Reaction Section



HCl Absorption Section

Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

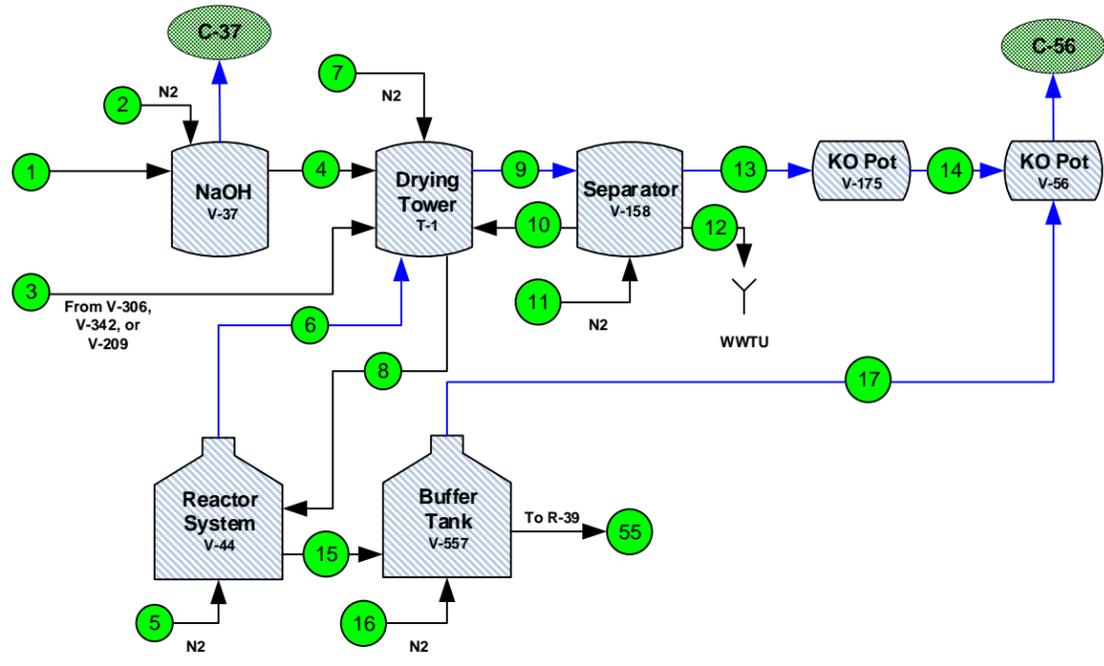
Attachment C – Process Flow Diagram Bis Phosphates Production (2 of 2)



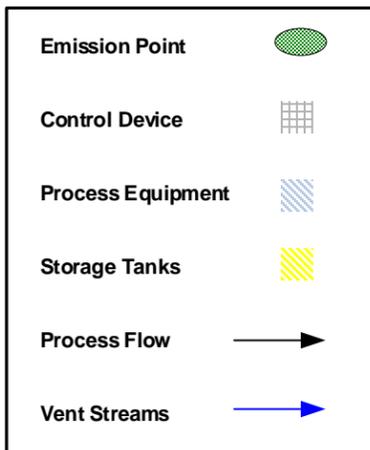
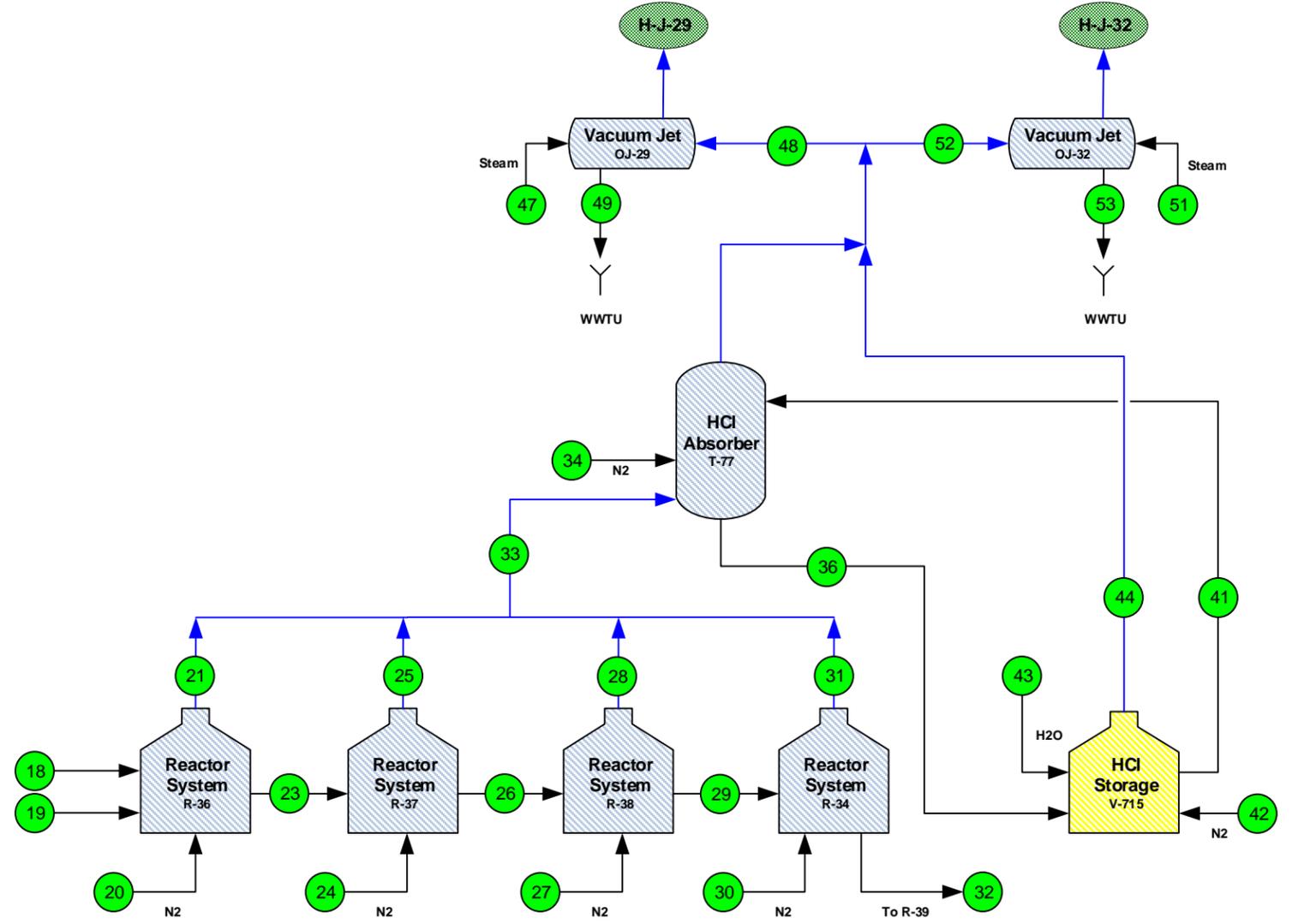
Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

**Attachment C – Process Flow Diagram
Unit IV TBF/TBEP Production (1 of 3)**

Sodium Alkylate Reaction Section

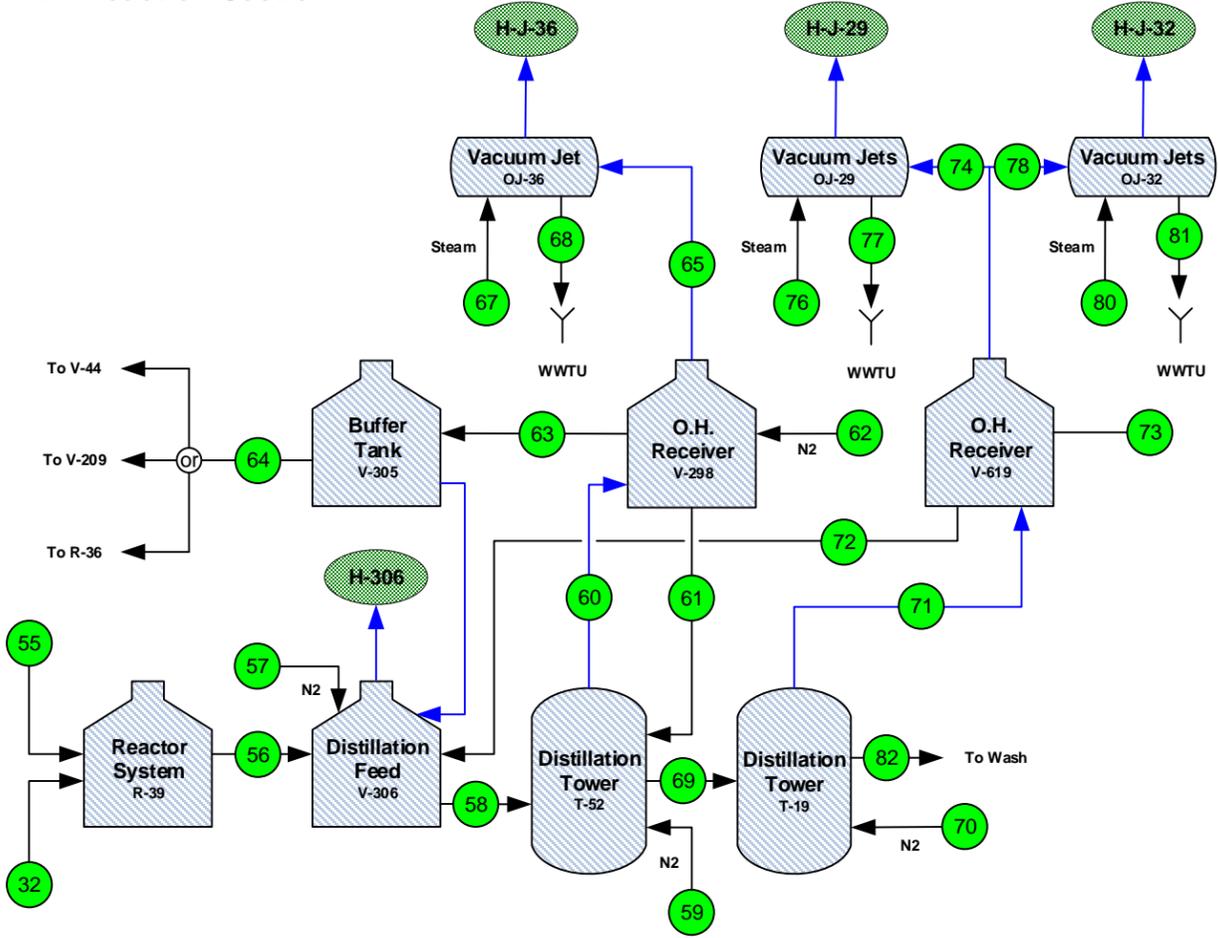


Alkyl Chloride Reaction Section

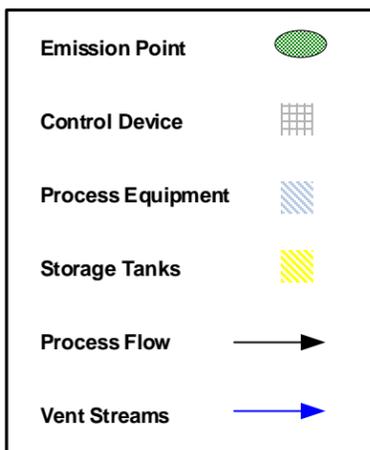
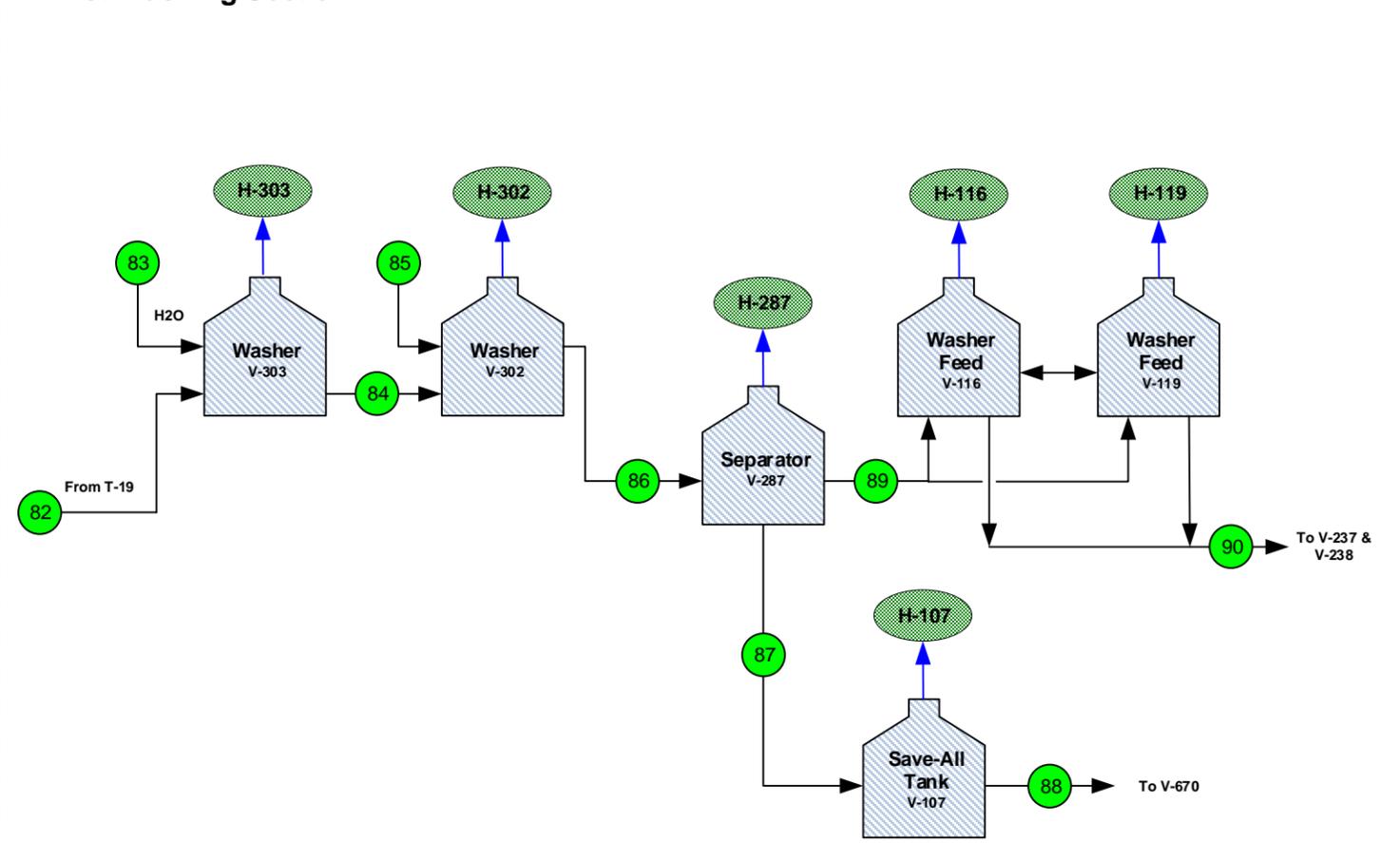


**Attachment C – Process Flow Diagram
Unit IV TBF/TBEP Production (2 of 3)**

TBF Reaction Section

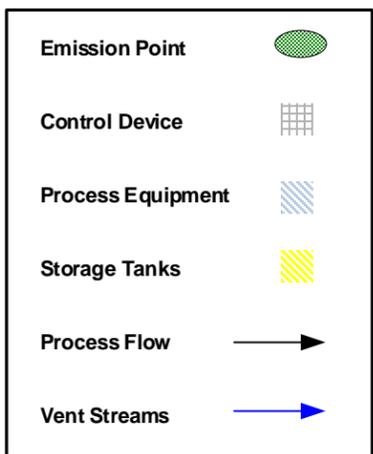
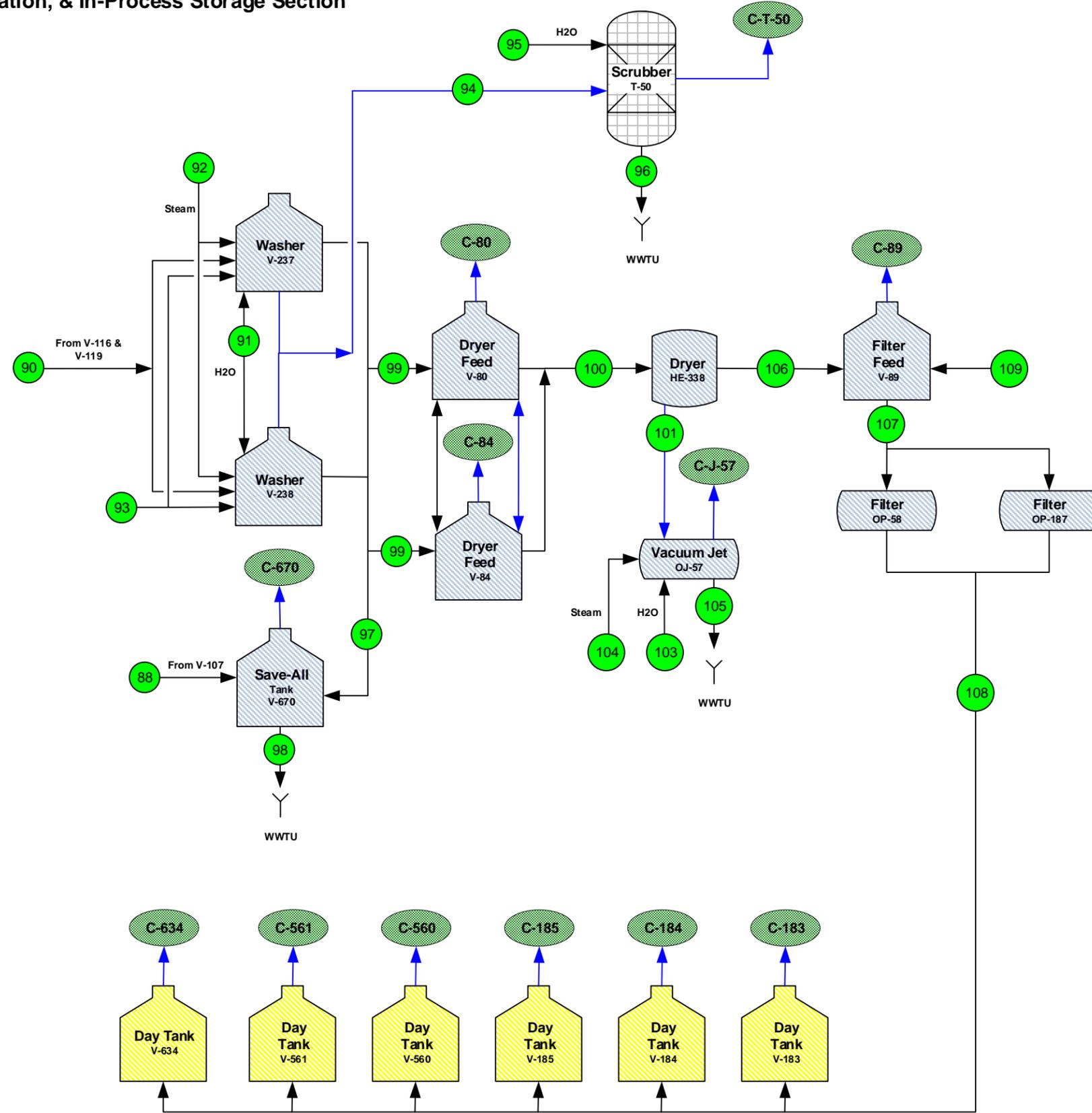


First Washing Section



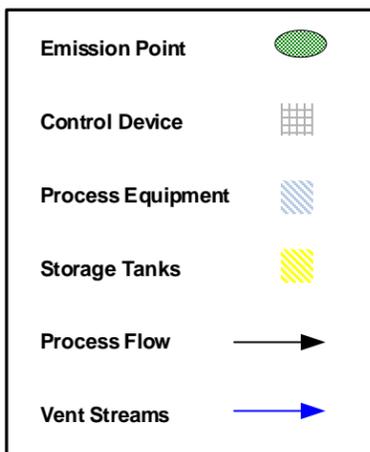
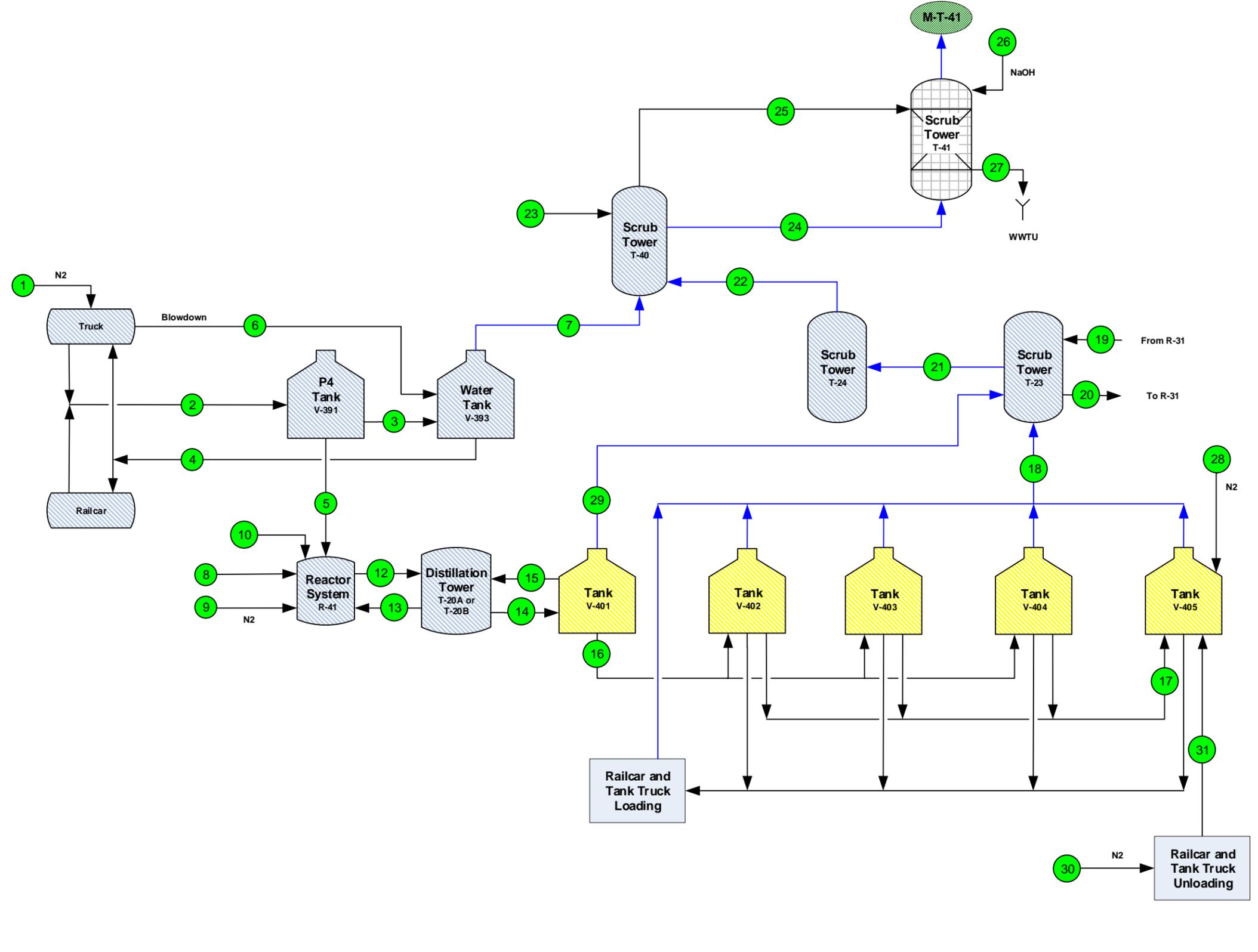
Attachment C – Process Flow Diagram Unit IV TBF/TBEP Production (3 of 3)

Drying, Filtration, & In-Process Storage Section



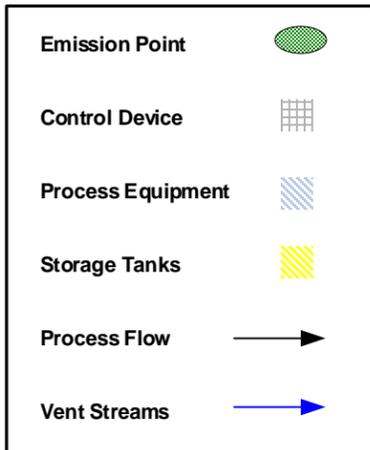
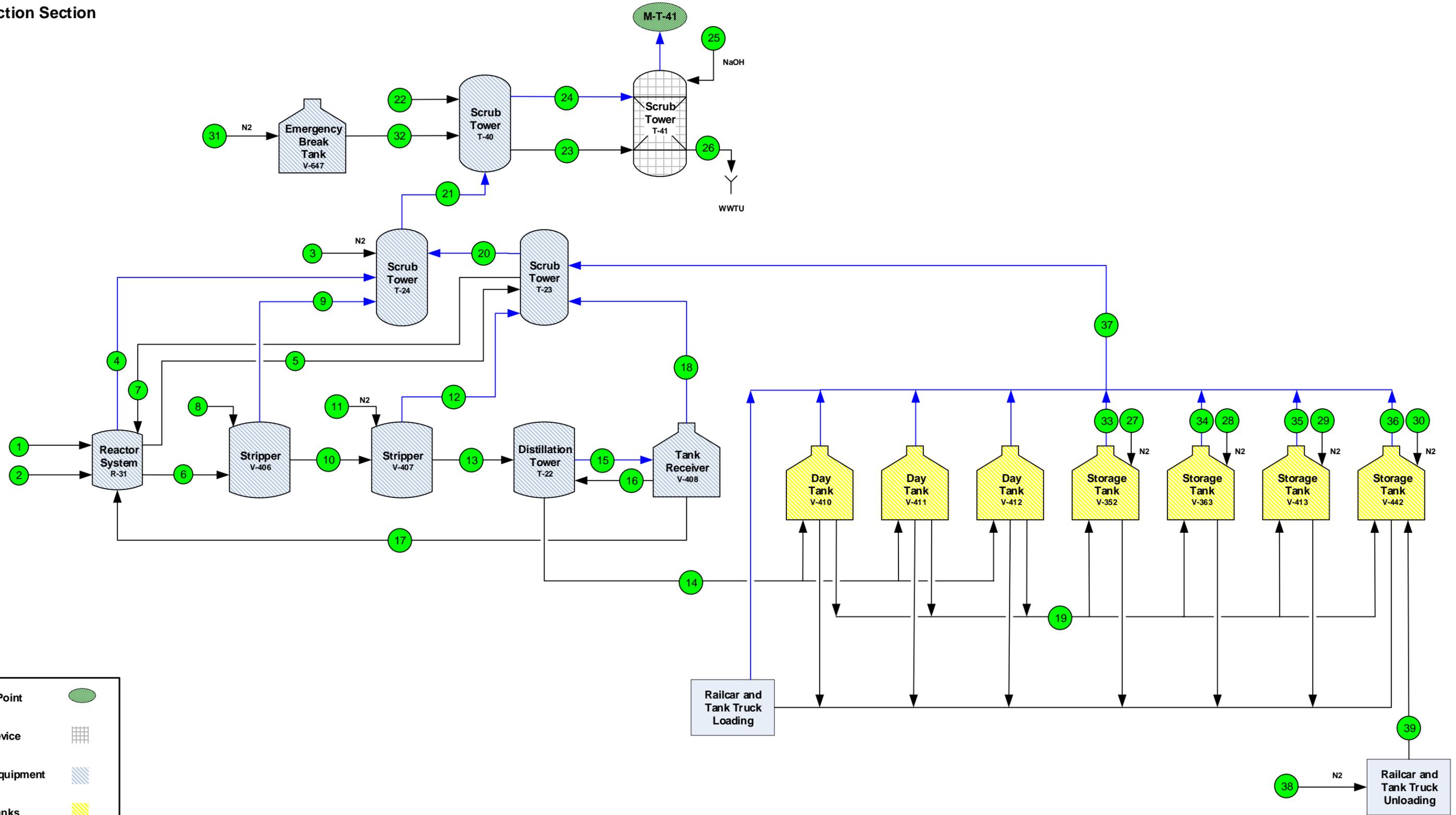
Attachment C – Process Flow Diagram PCI3 Production

Reaction Section

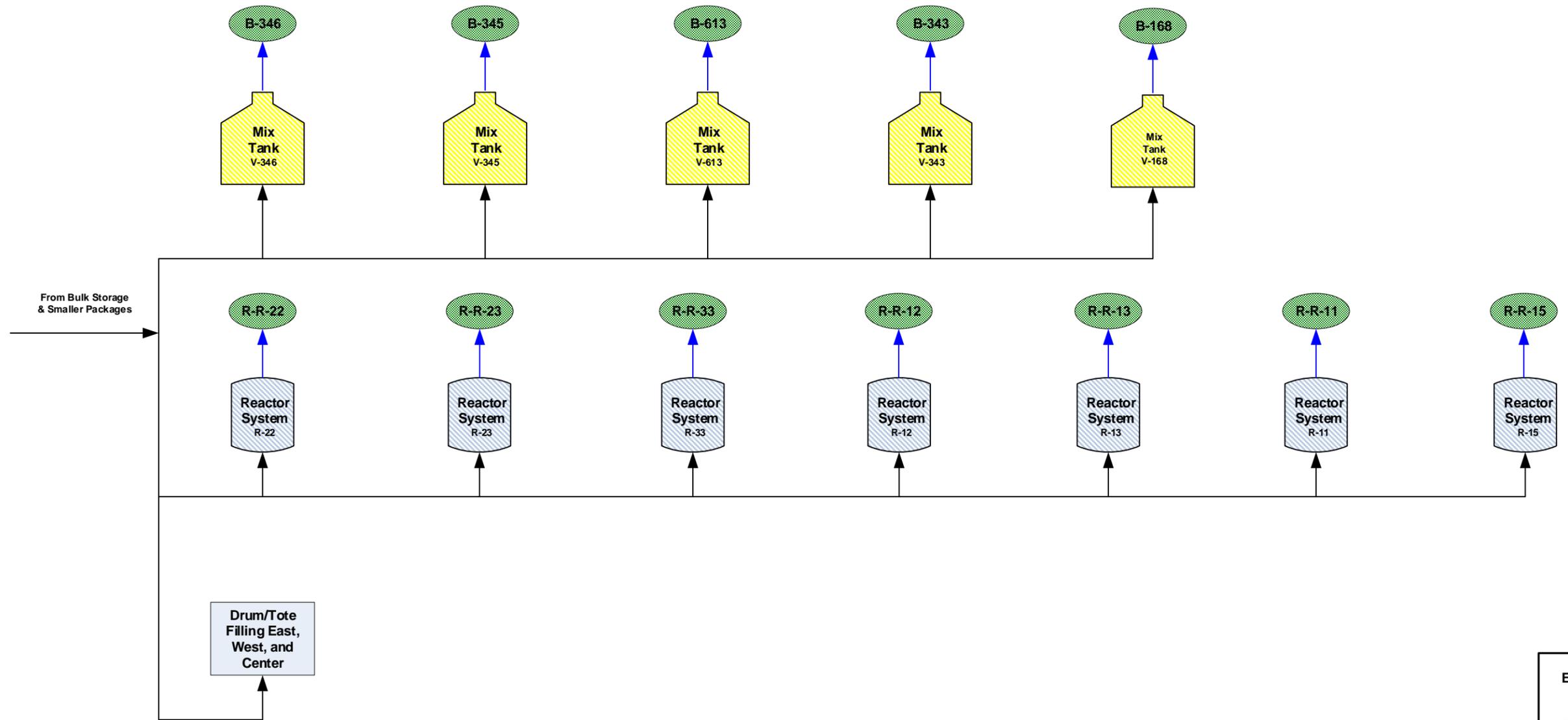


Attachment C – Process Flow Diagram POCI3 Production

Reaction Section

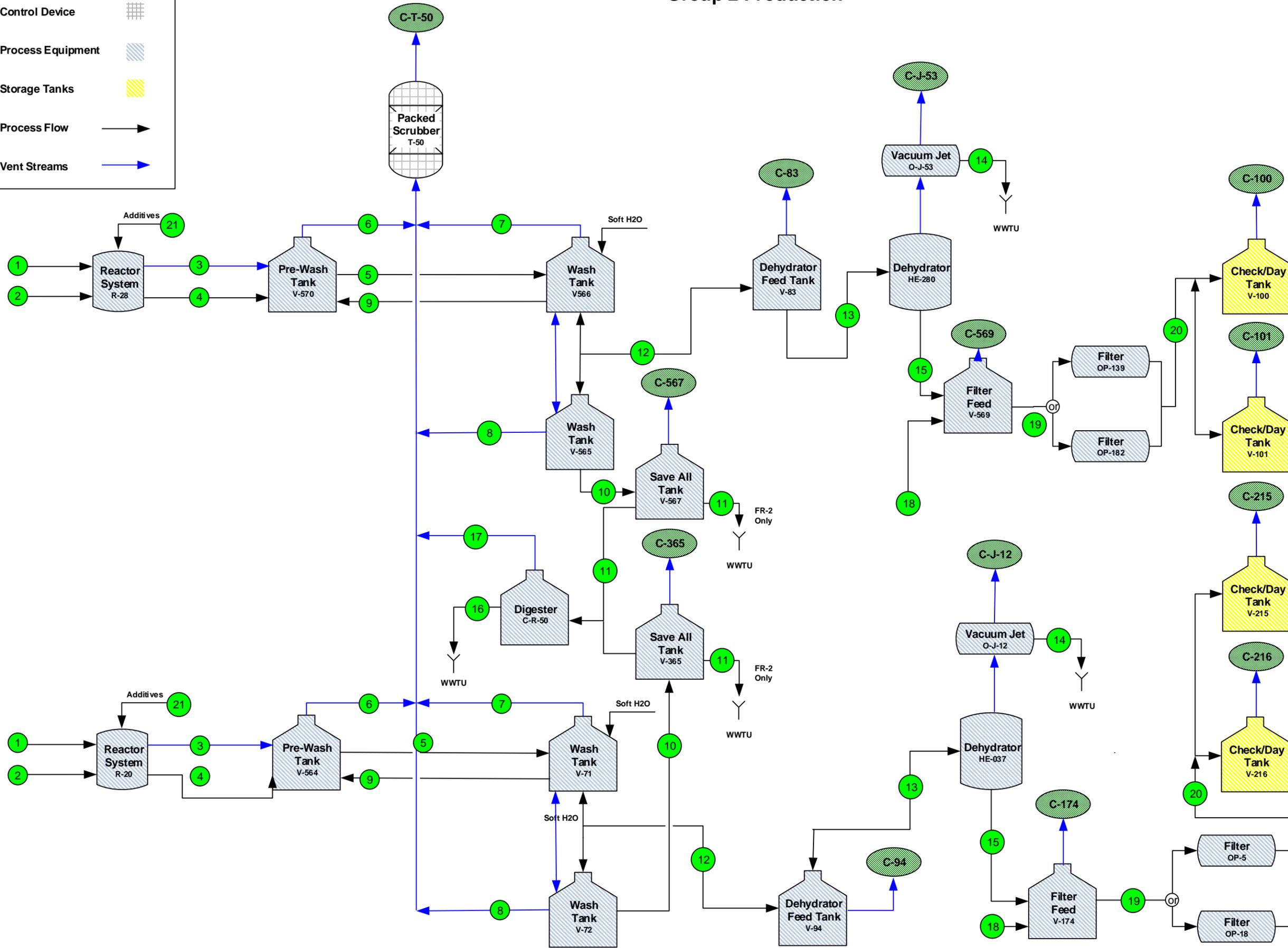
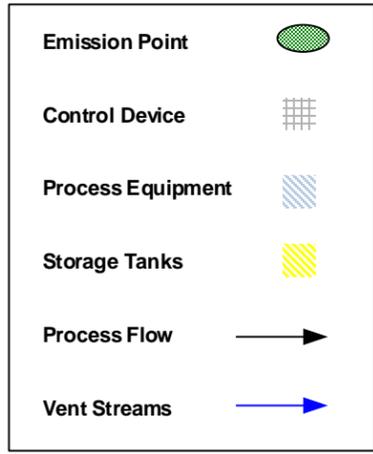


Attachment C – Process Flow Diagram Blending

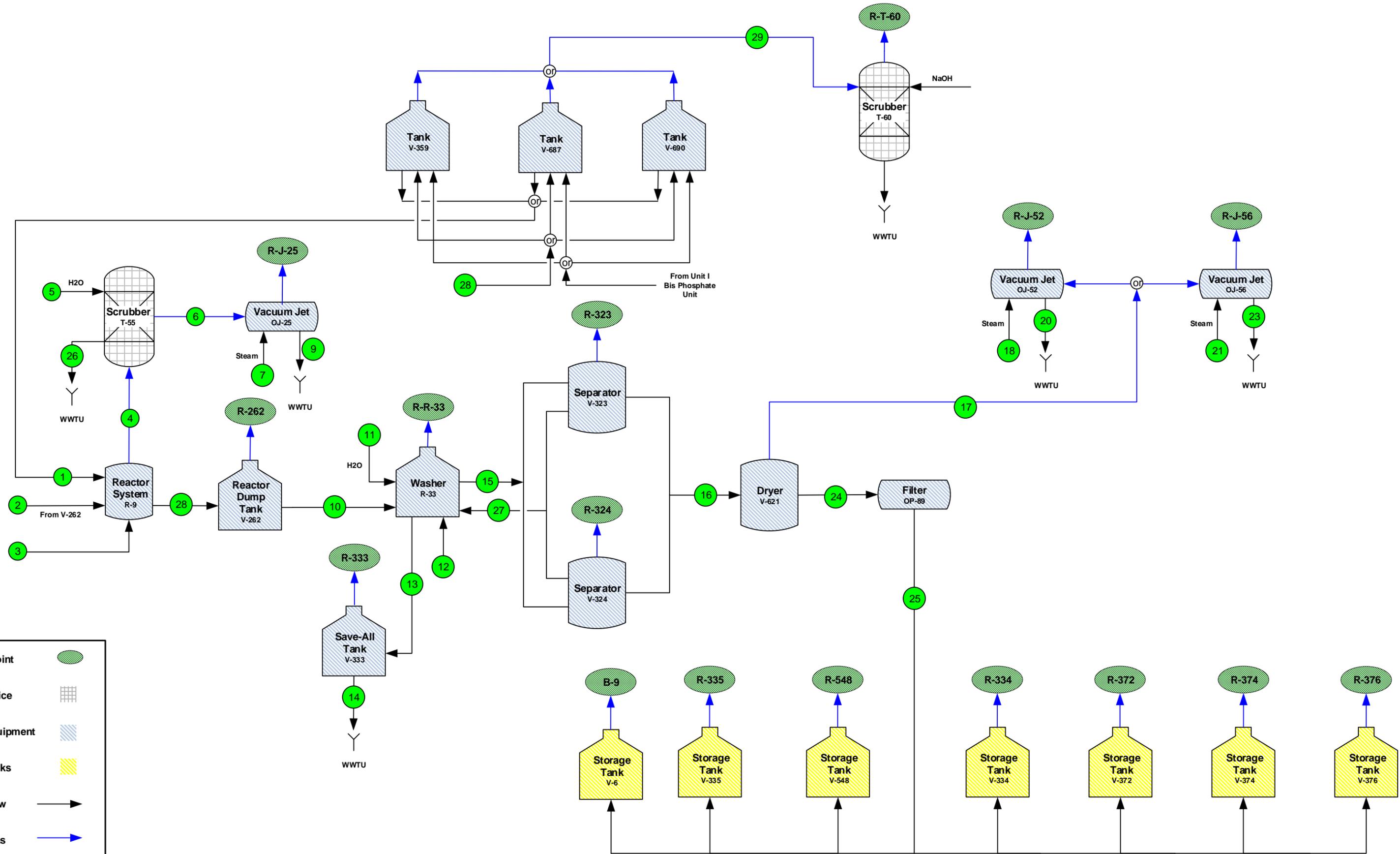


Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

Attachment C – Process Flow Diagram Group 2 Production

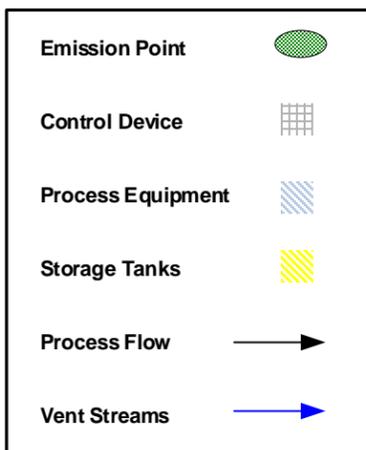
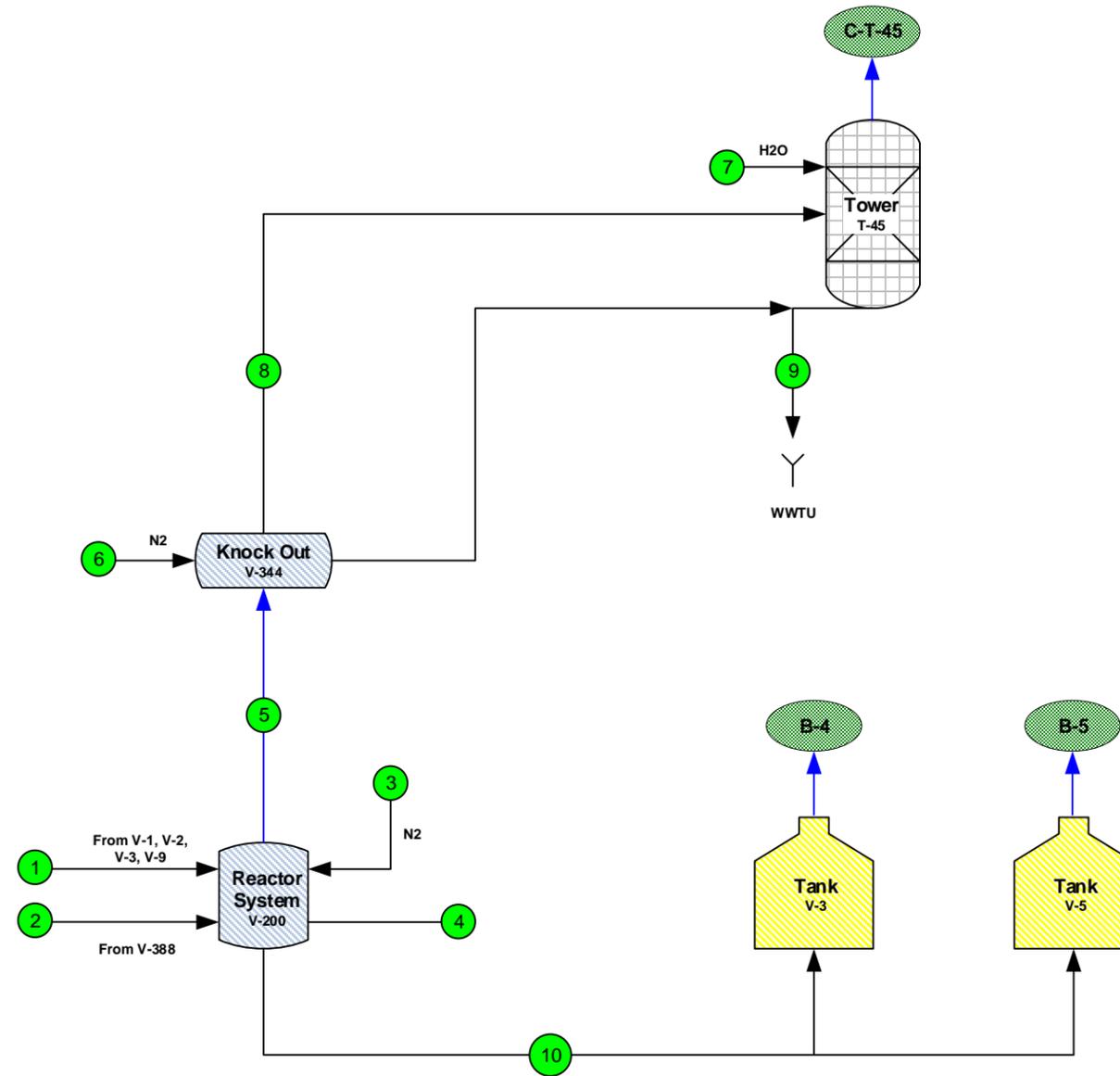


Attachment C – Process Flow Diagram R-9 System

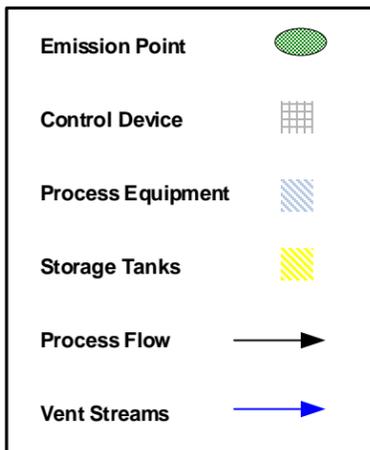
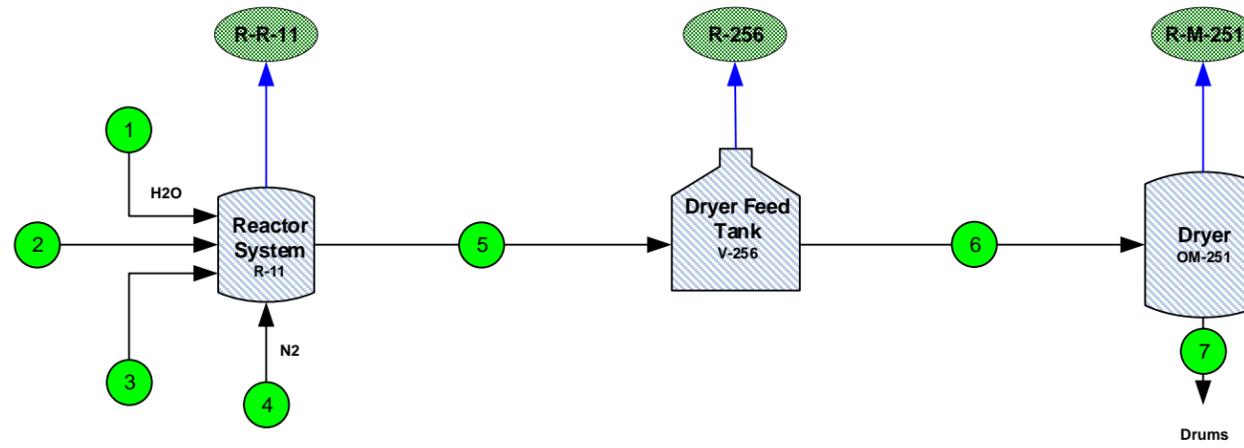


Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

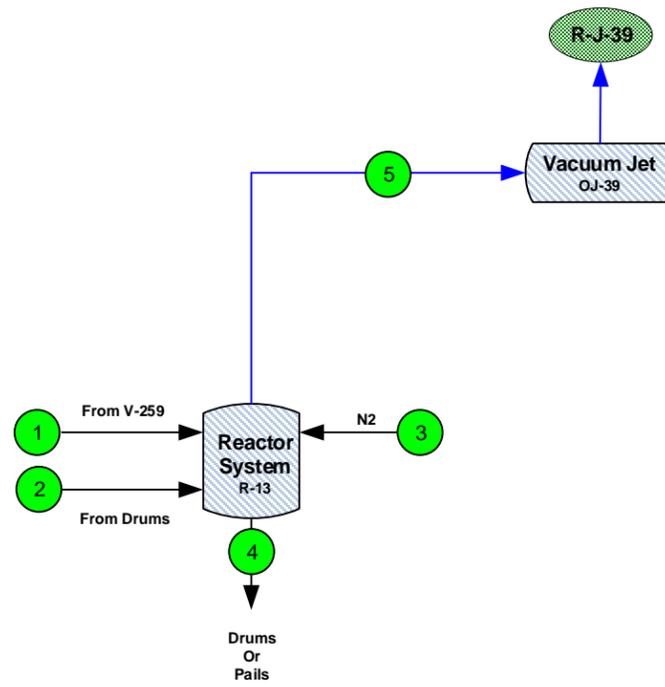
Attachment C – Process Flow Diagram V-200 Alkylation System



Attachment C – Process Flow Diagram SBP System

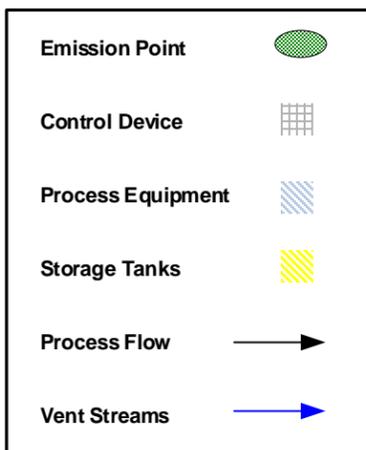
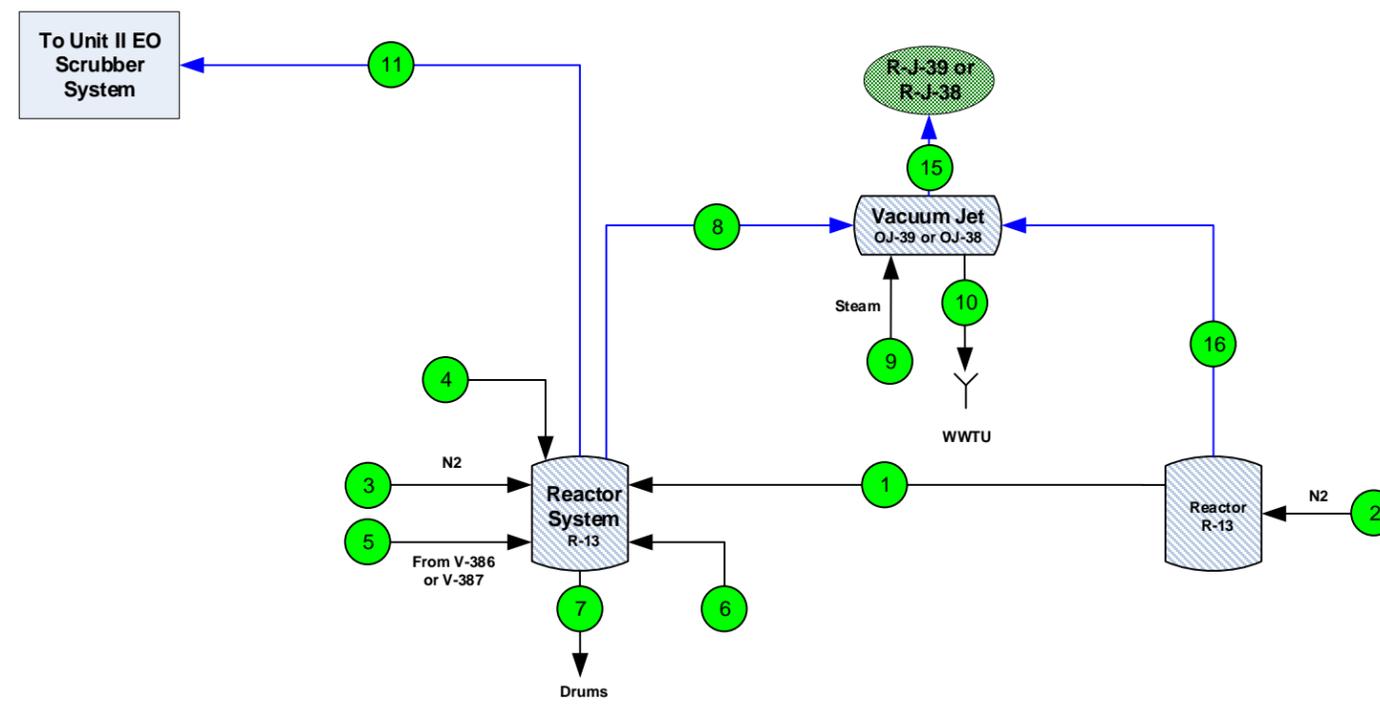


Attachment C – Process Flow Diagram Dioctyl Acid Pyrophosphate

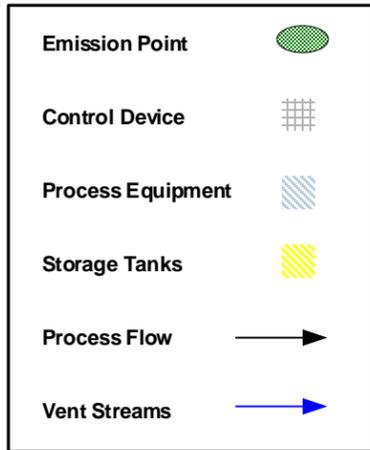
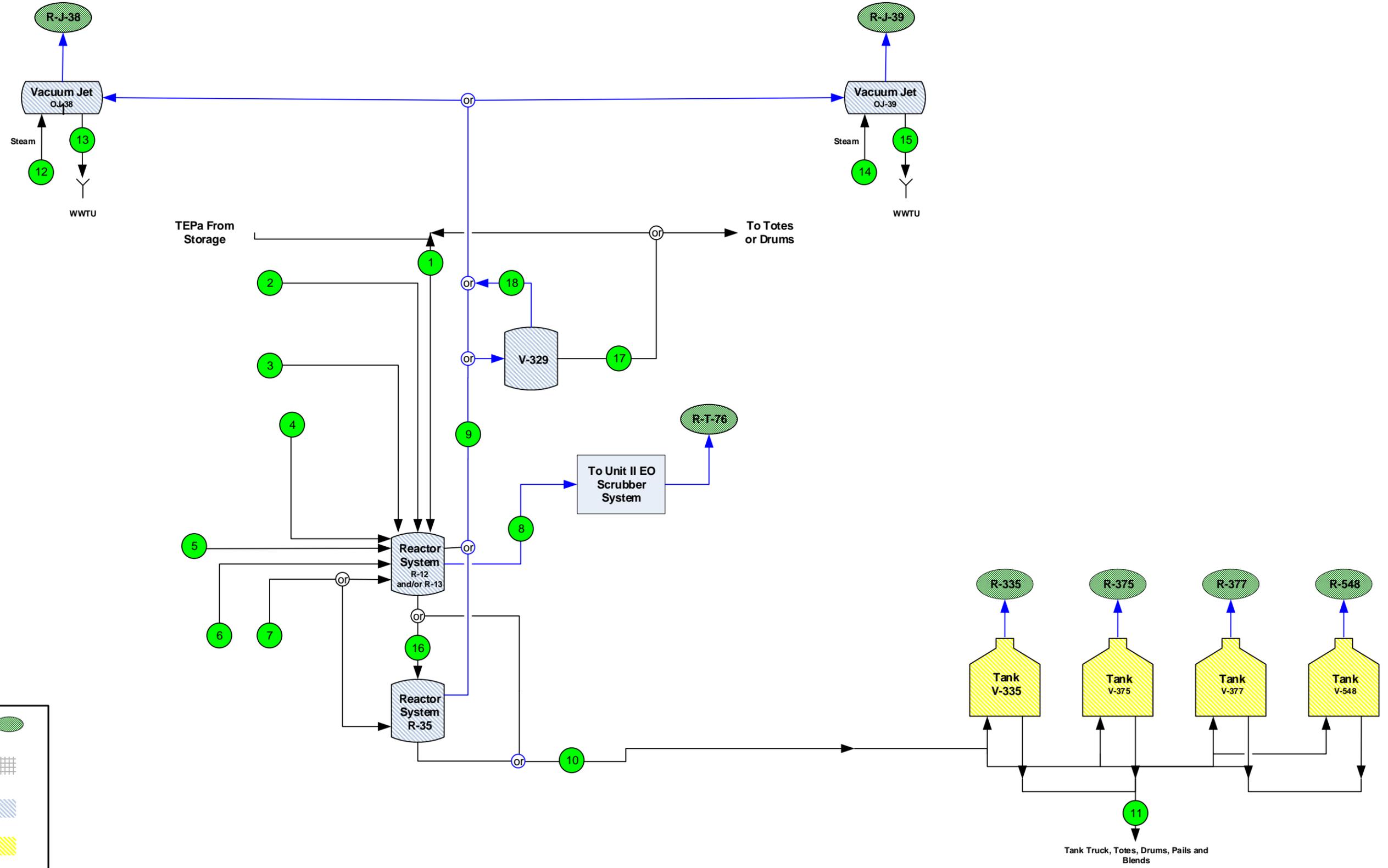


Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

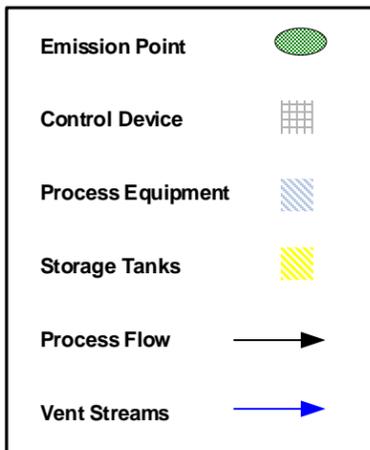
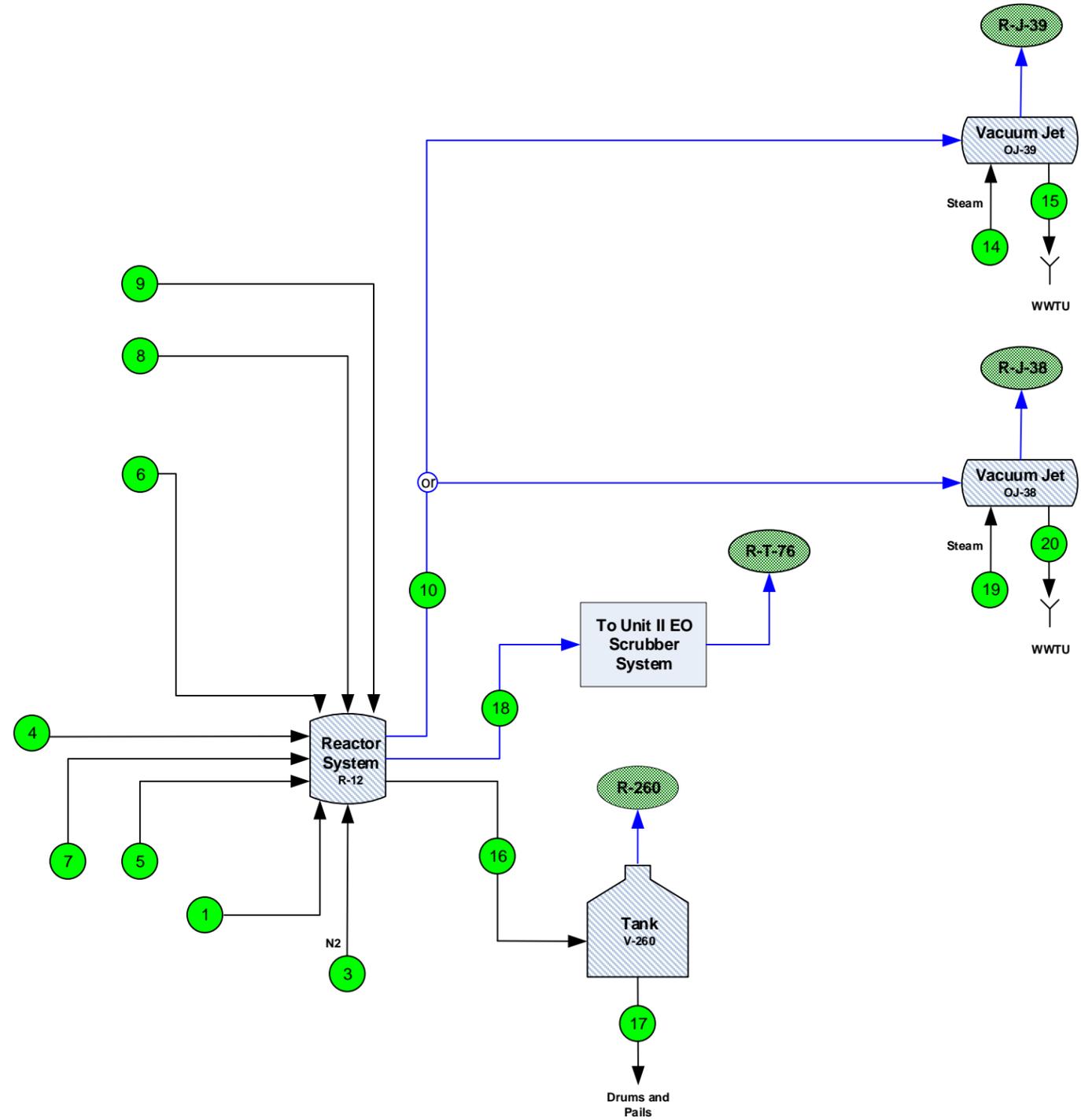
Attachment C – Process Flow Diagram Victawet 12



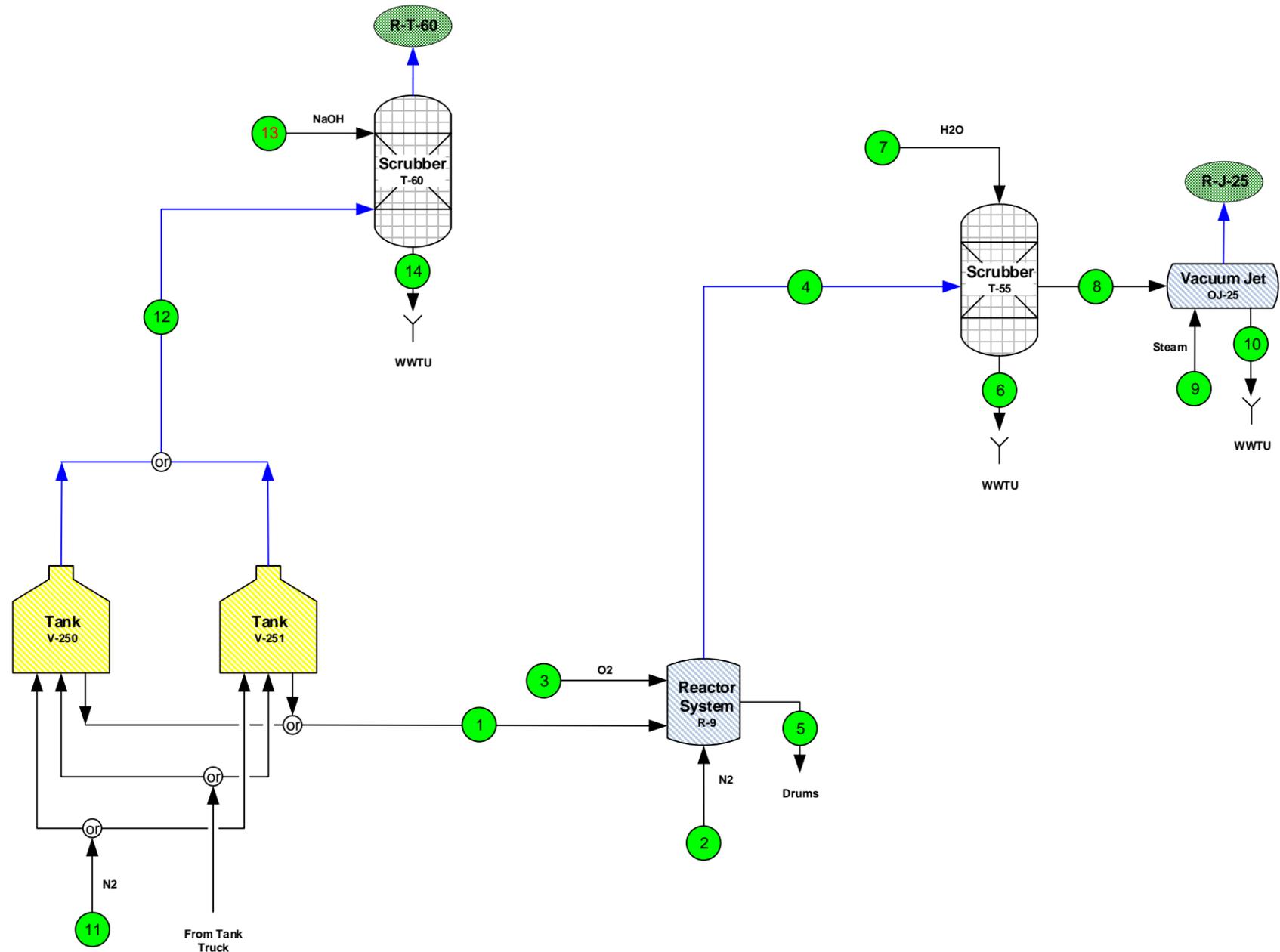
Attachment F – Process Flow Diagram Unit II Fyrol PNX



Attachment C – Process Flow Diagram Unit II Fyrol 99

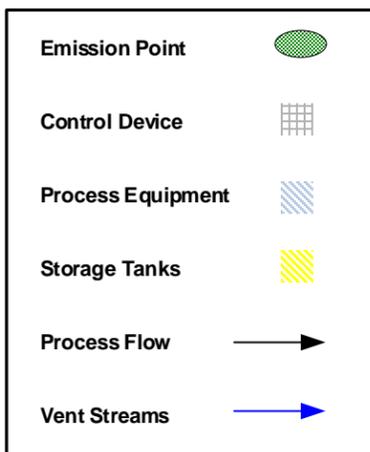
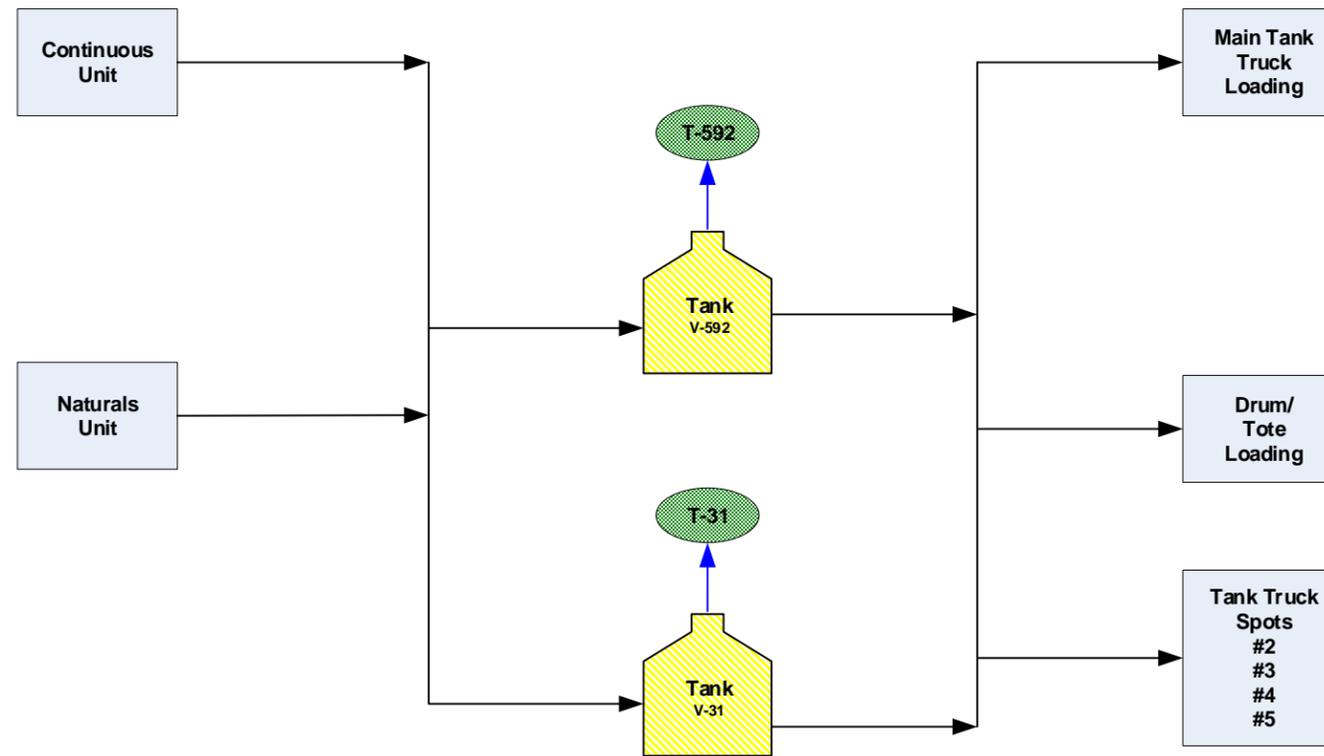


Attachment C – Process Flow Diagram Unit II BPOD

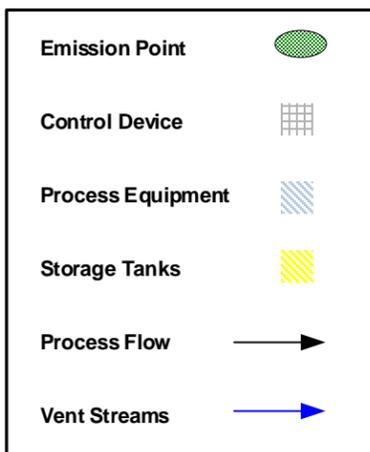
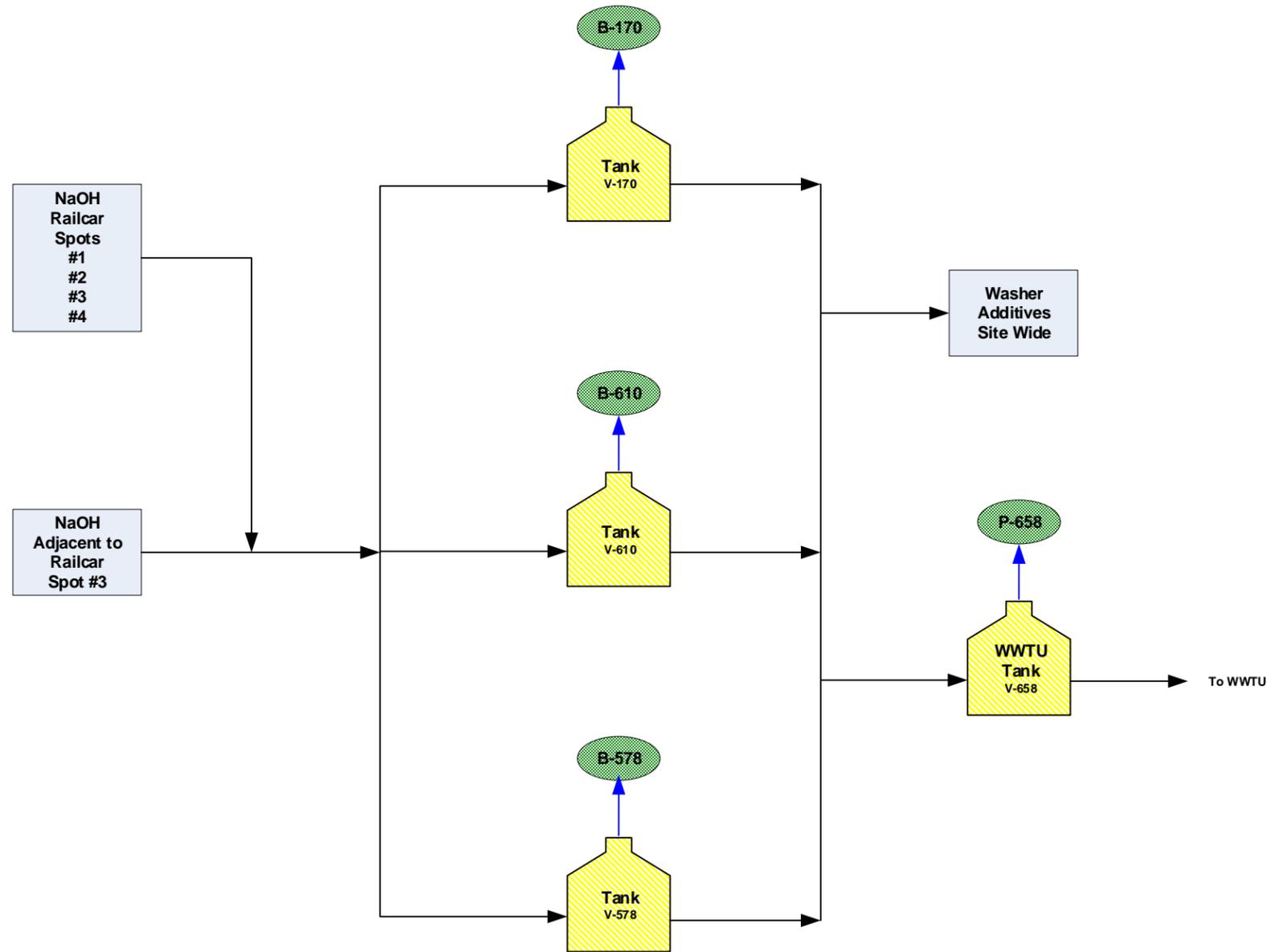


Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

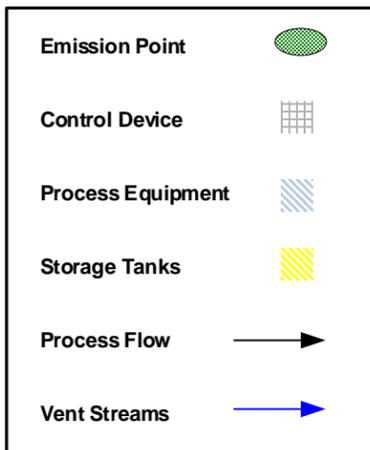
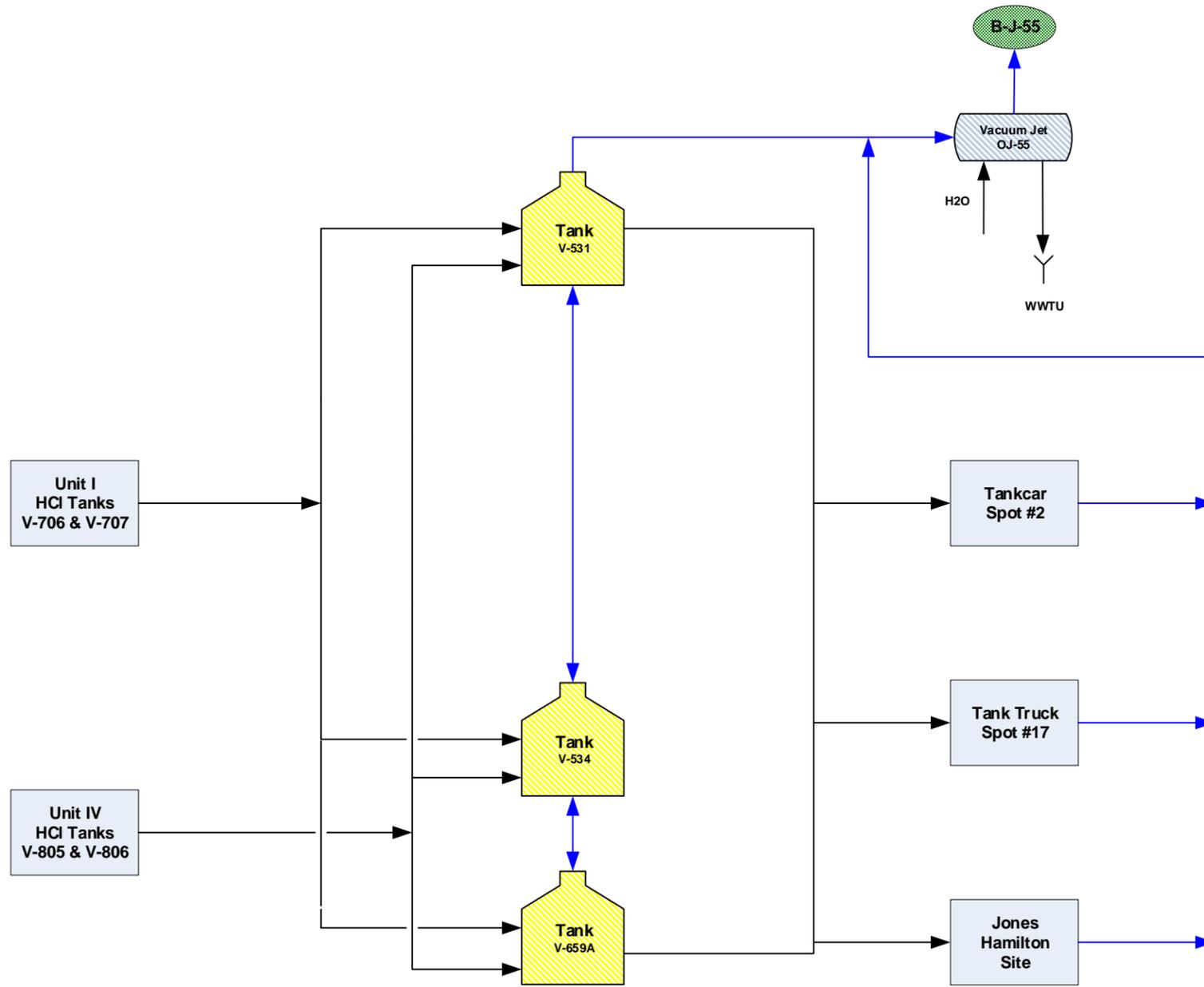
Attachment C – Process Flow Diagram
Distribution (1 of 10)



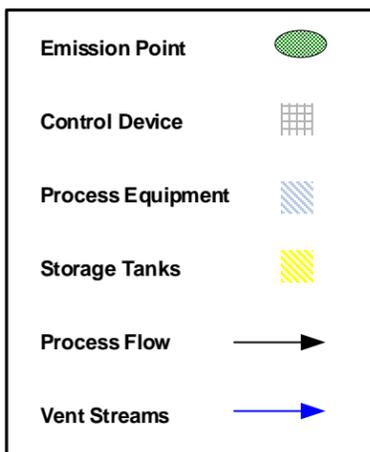
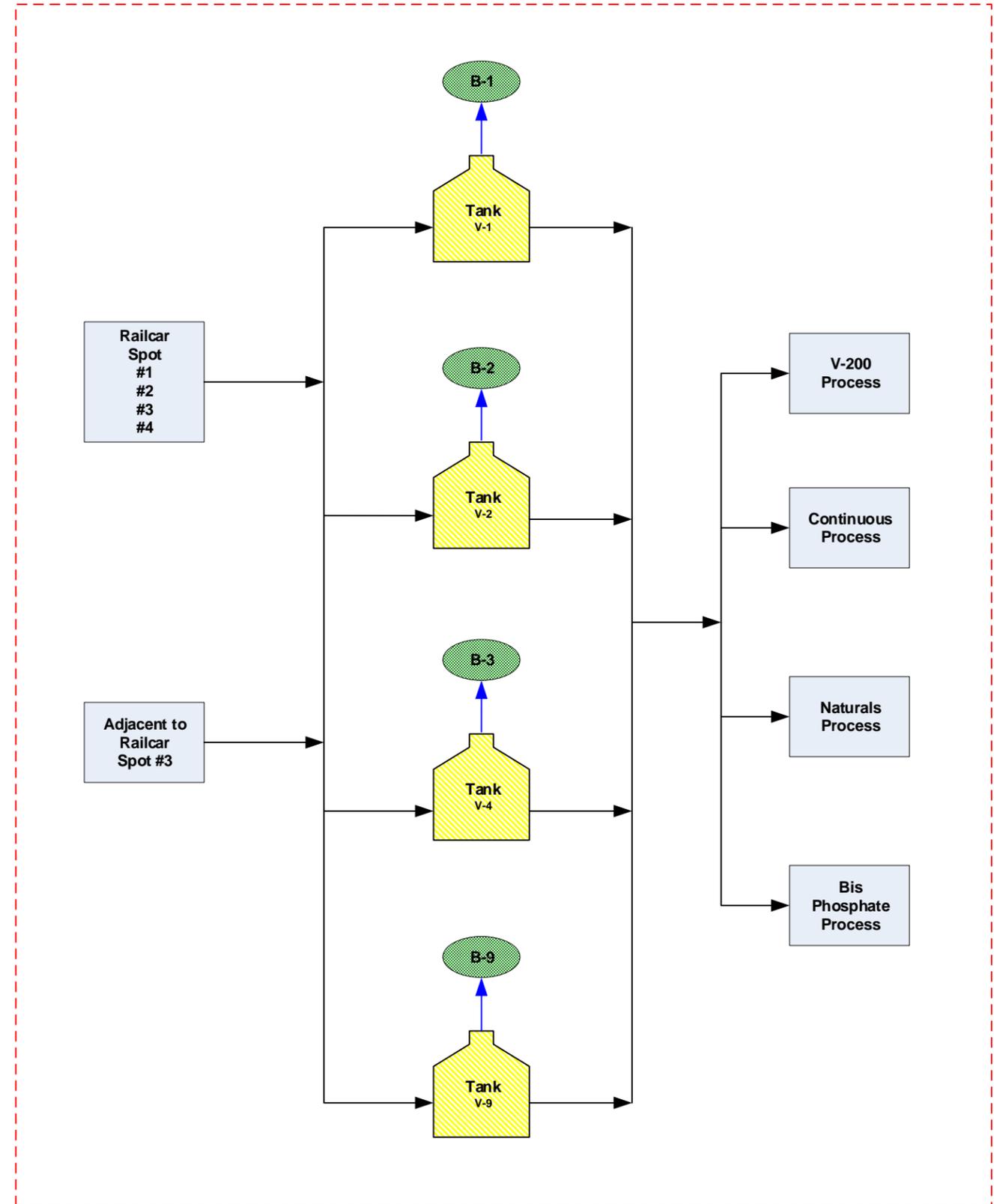
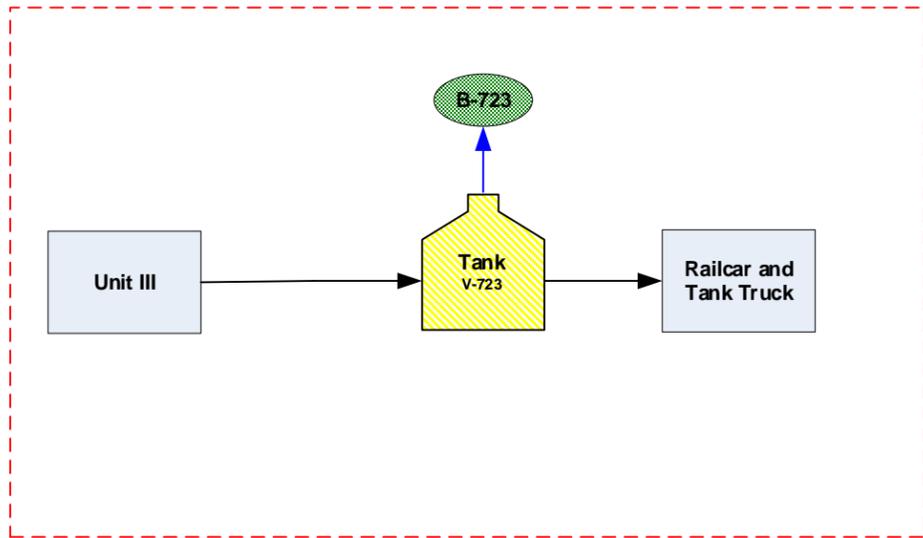
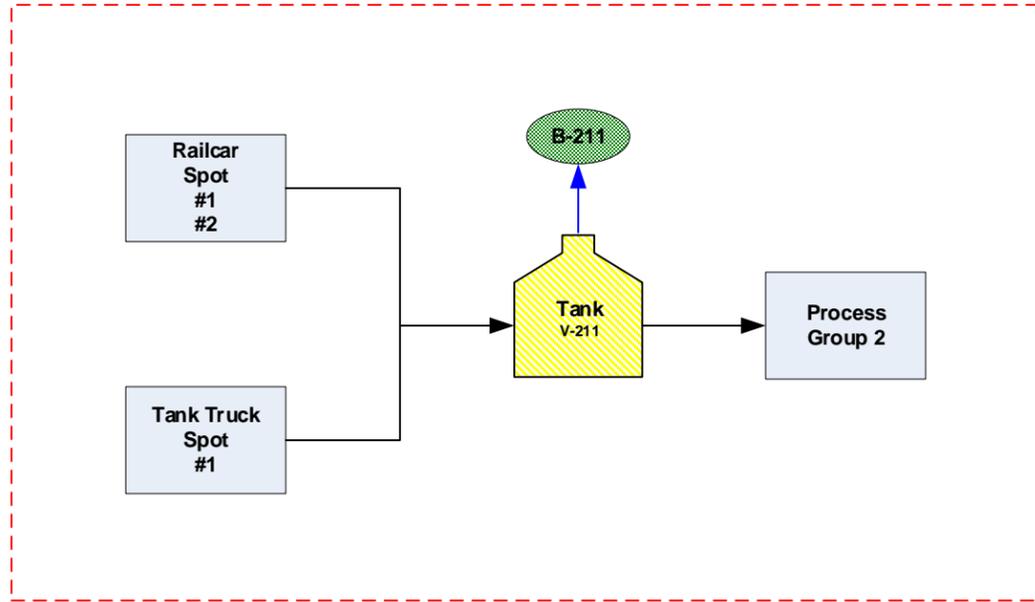
Attachment C – Process Flow Diagram
Distribution (2 of 10)



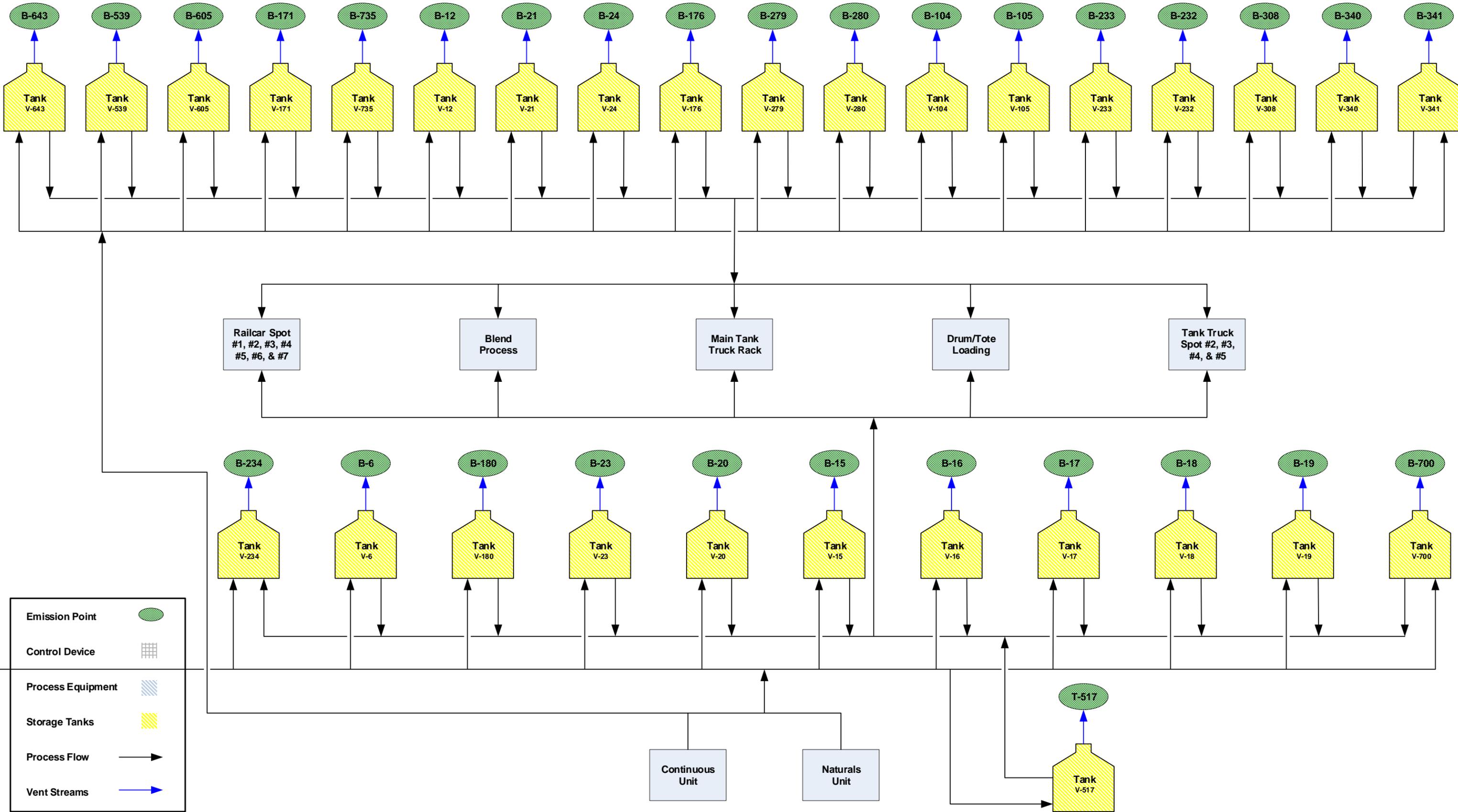
Attachment C – Process Flow Diagram Distribution (3 of 10)



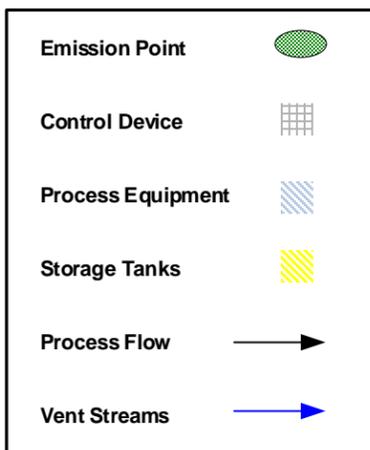
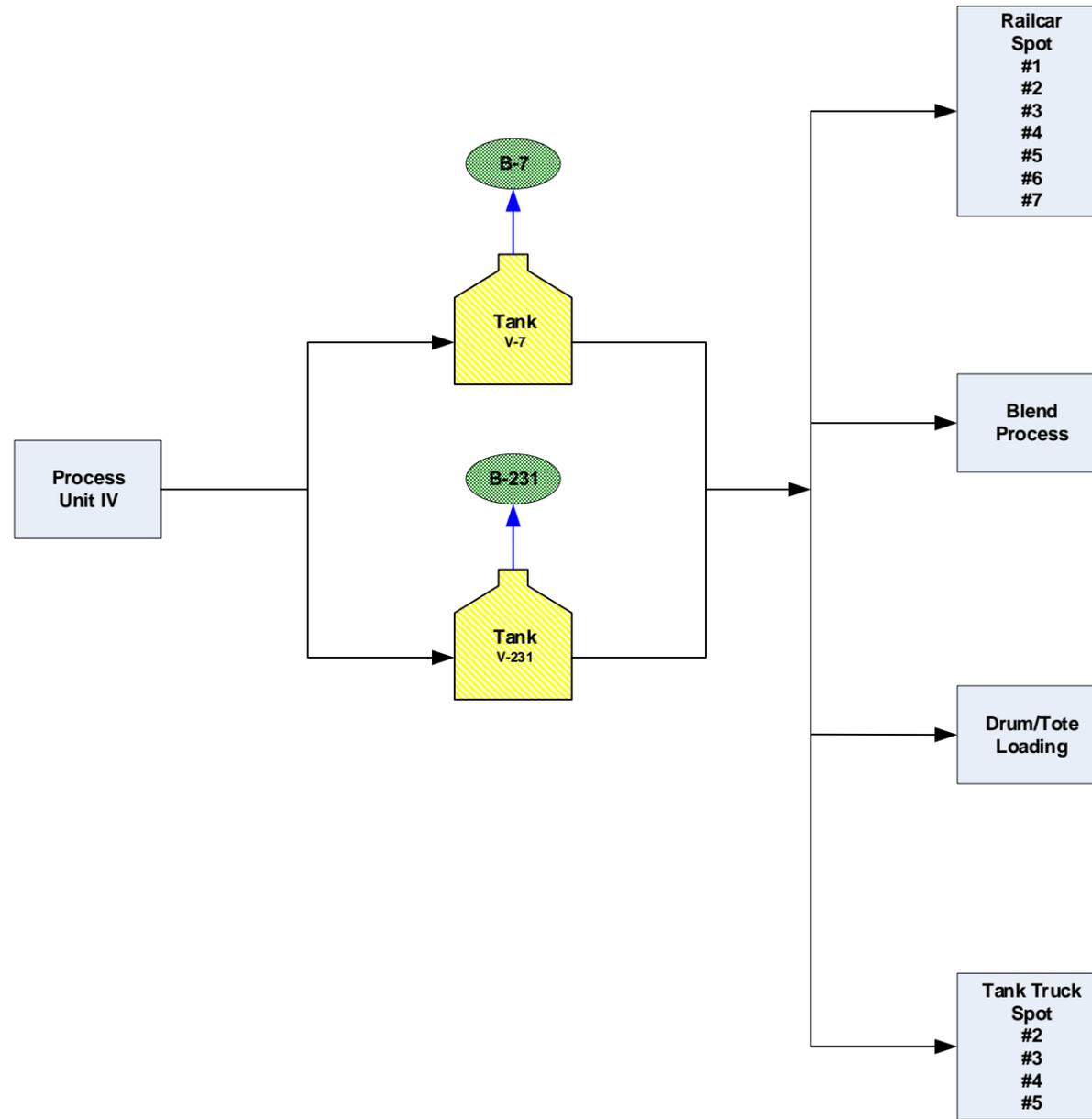
**Attachment C – Process Flow Diagram
Distribution (4 of 10)**



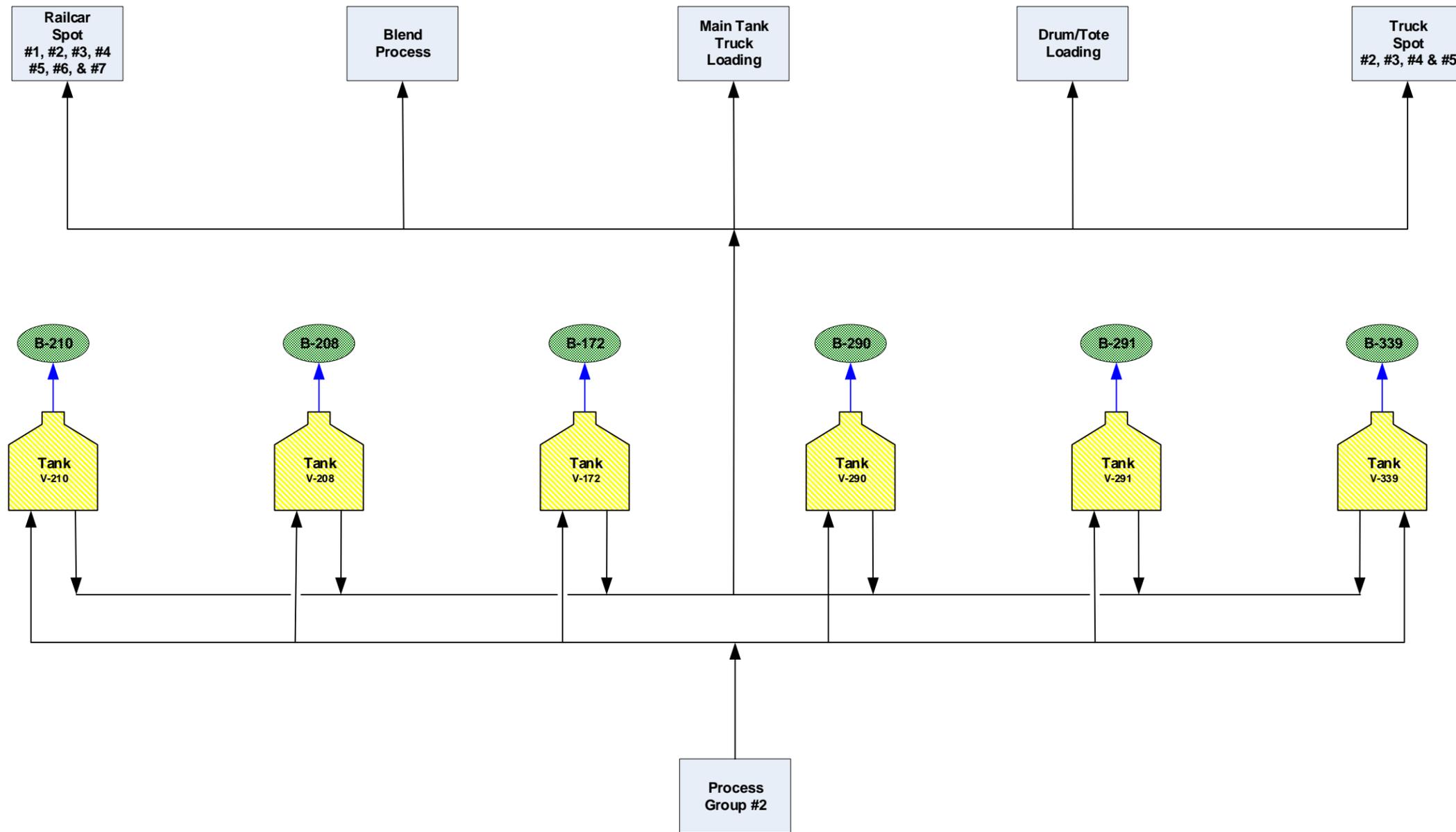
Attachment C – Process Flow Diagram Distribution (5 of 10)



Attachment C – Process Flow Diagram
Distribution (6 of 10)

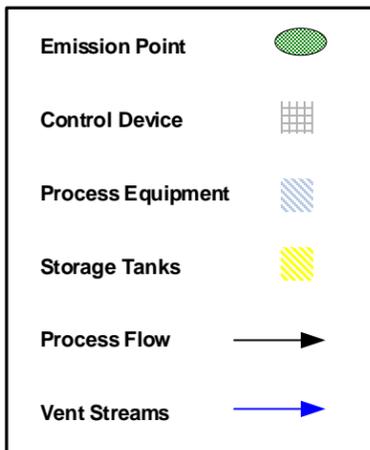
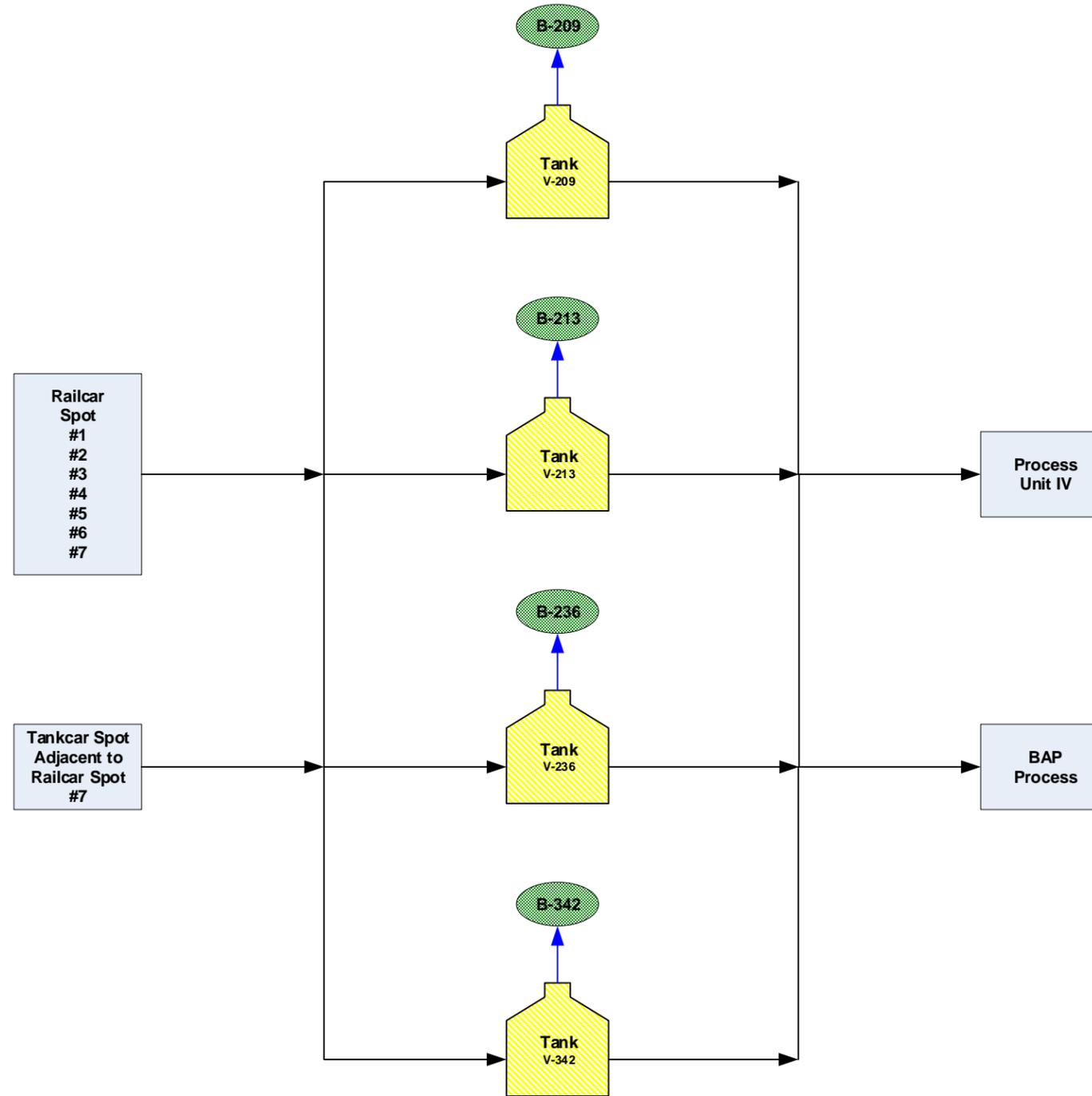


Attachment C – Process Flow Diagram Distribution (7 of 10)

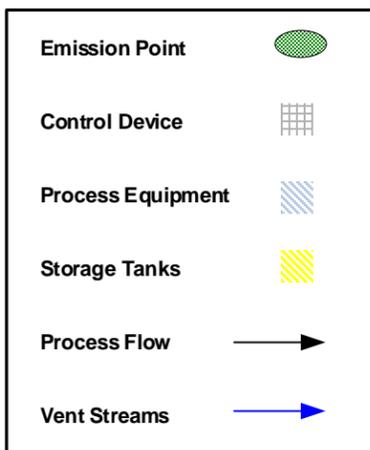
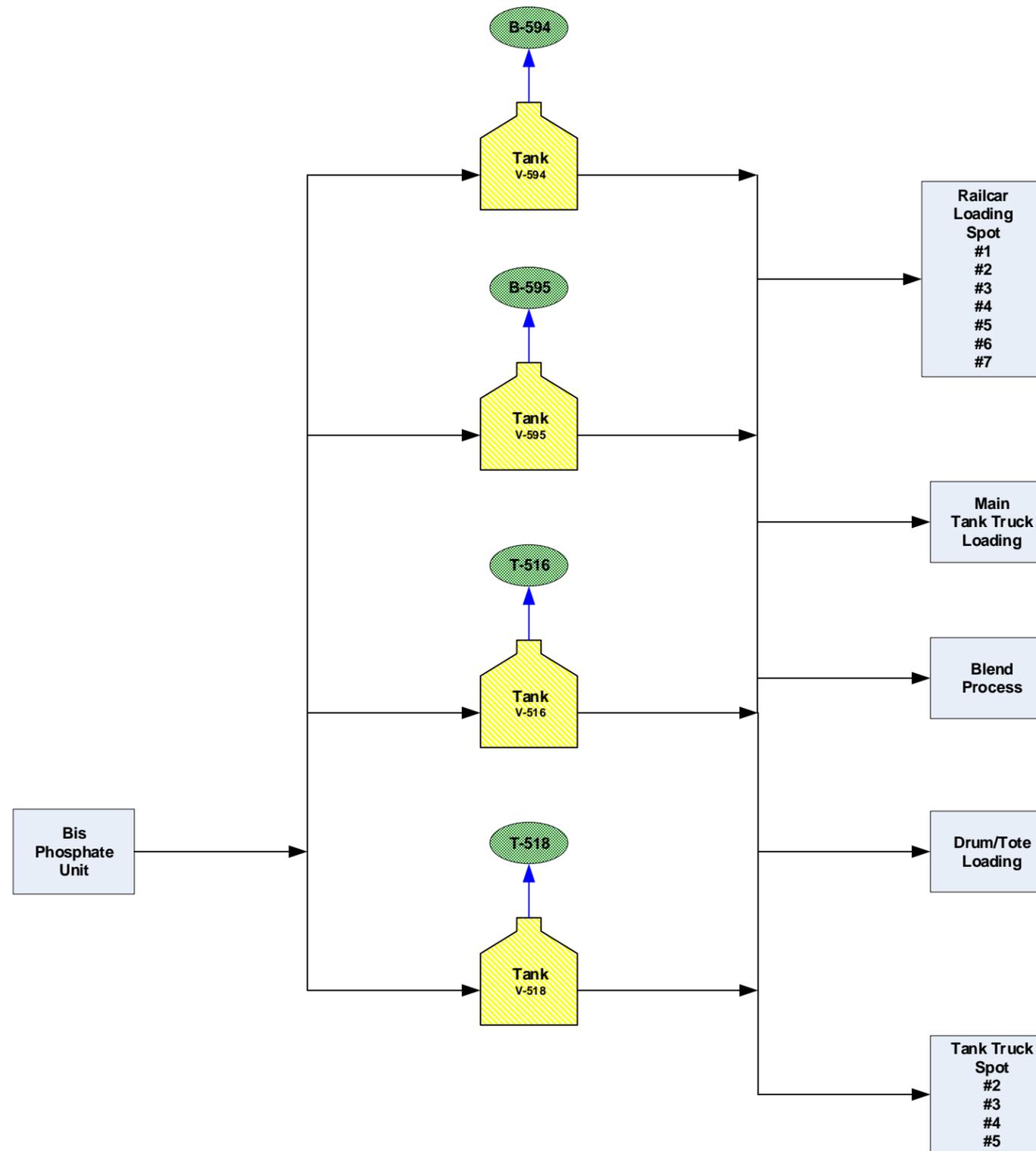


Emission Point	
Control Device	
Process Equipment	
Storage Tanks	
Process Flow	
Vent Streams	

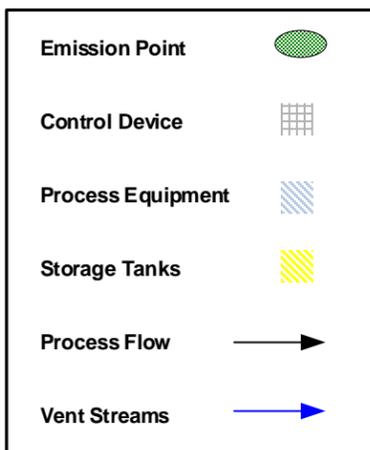
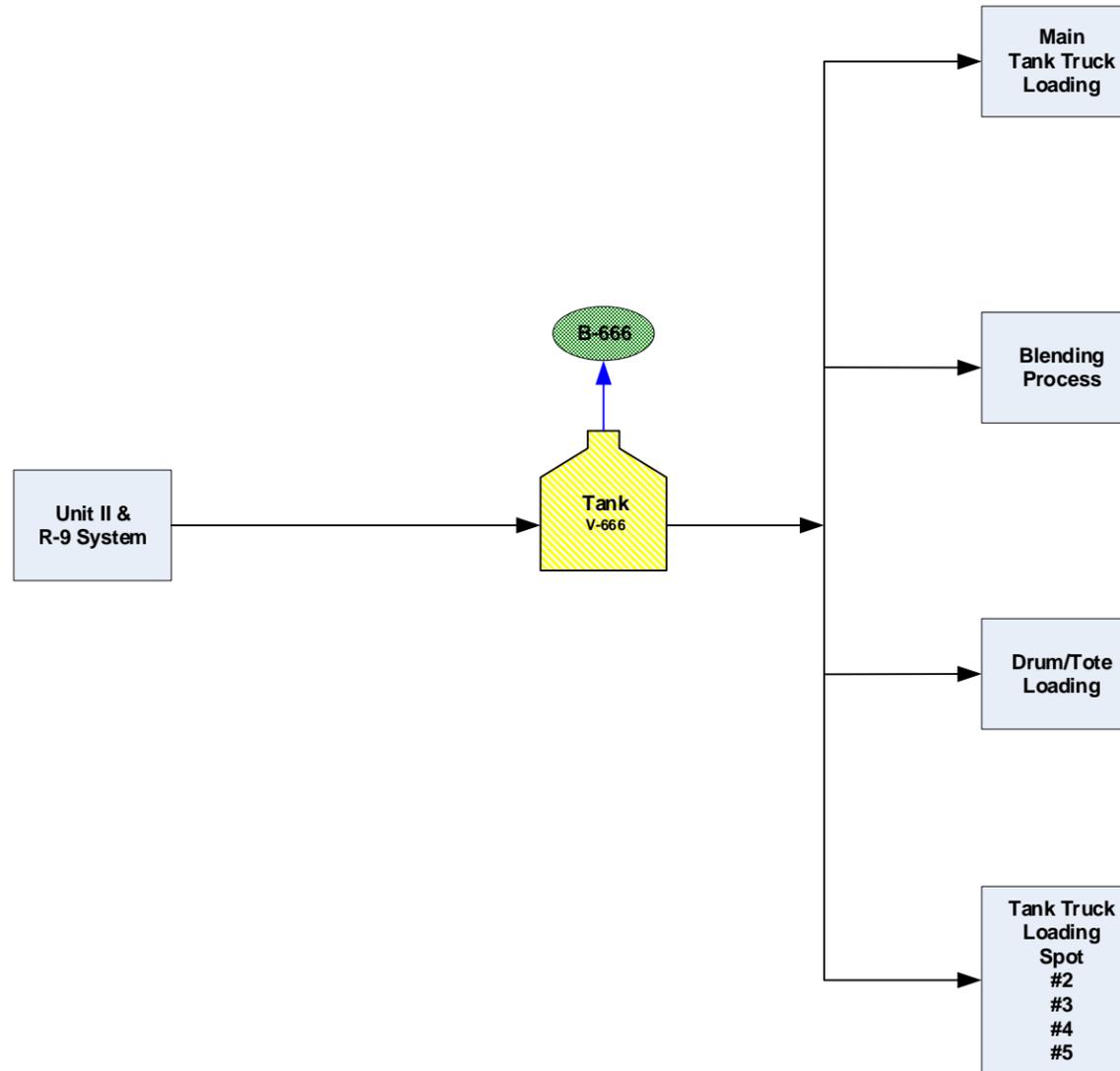
Attachment C – Process Flow Diagram
Distribution (8 of 10)



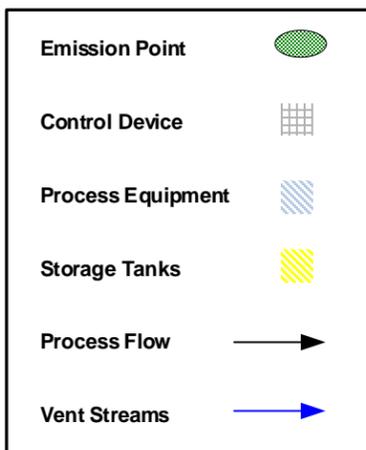
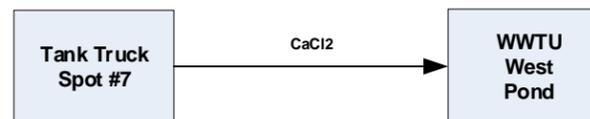
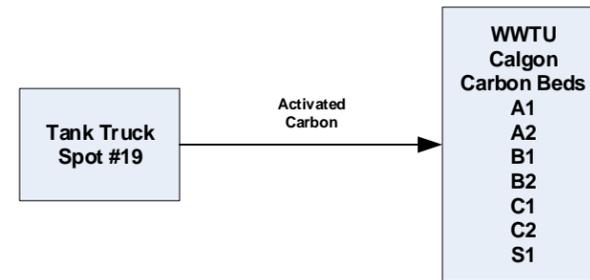
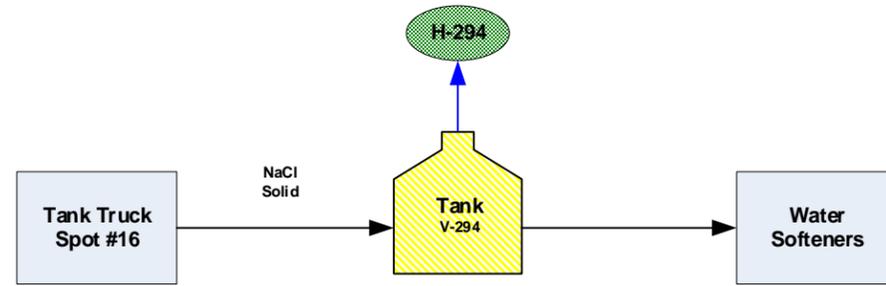
Attachment C – Process Flow Diagram Distribution (9 of 10)



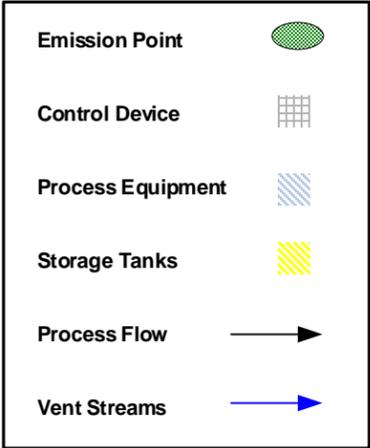
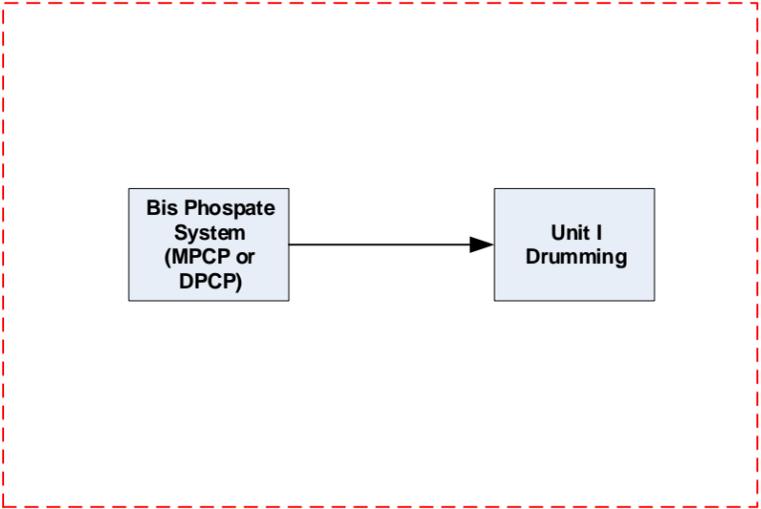
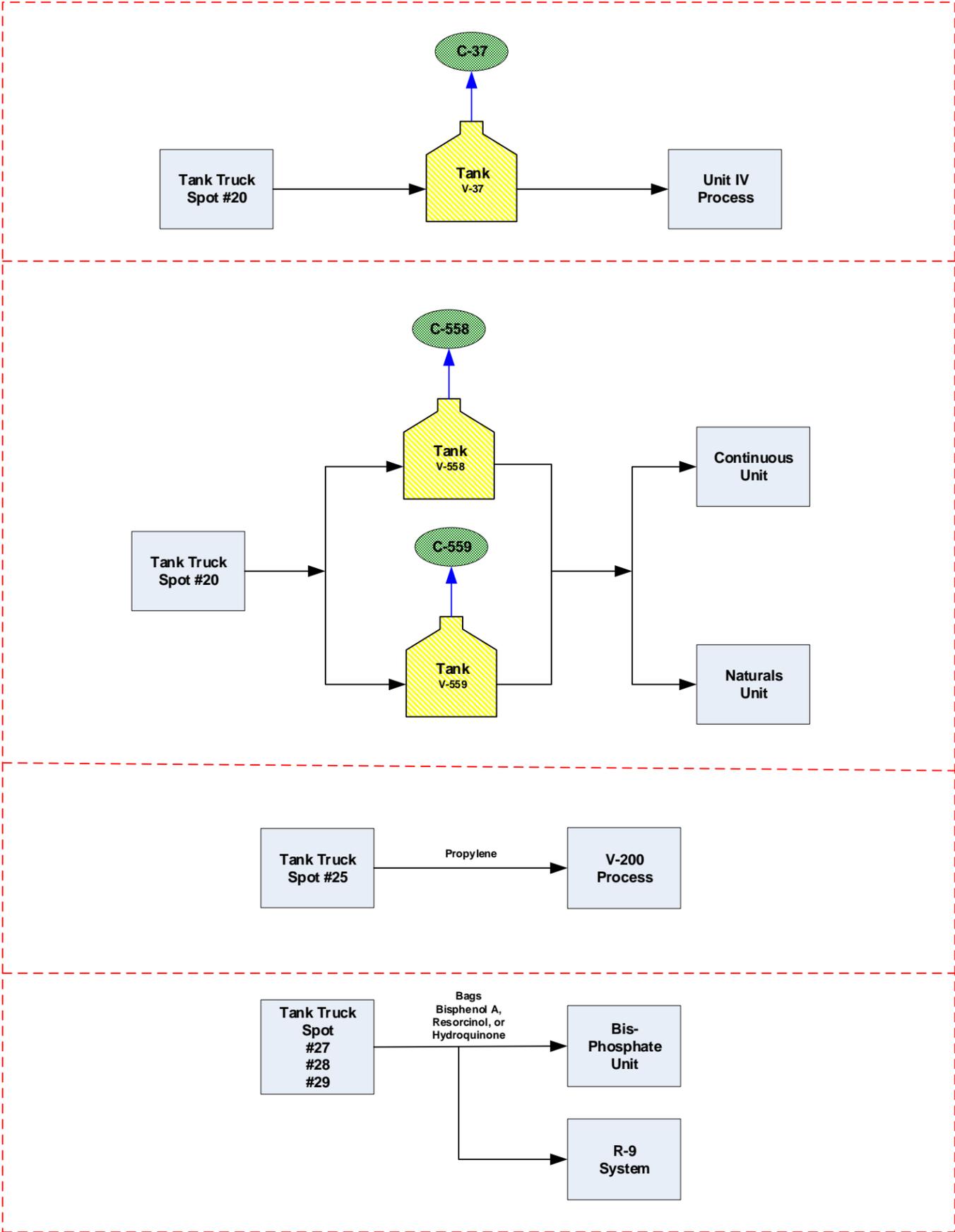
Attachment C – Process Flow Diagram
Distribution (10 of 10)



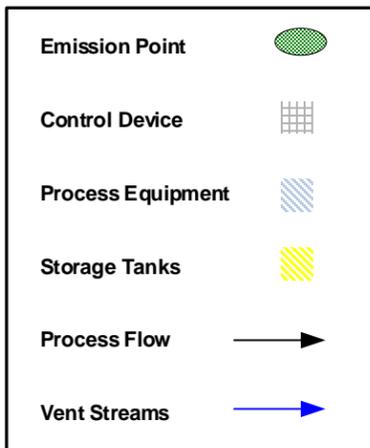
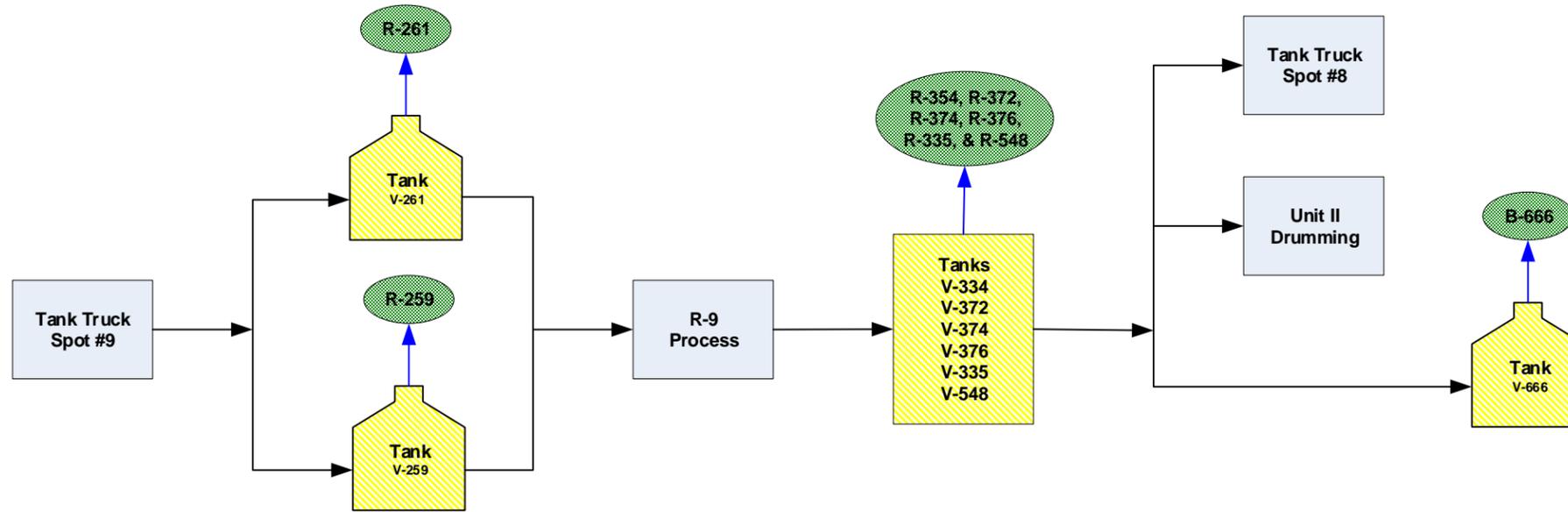
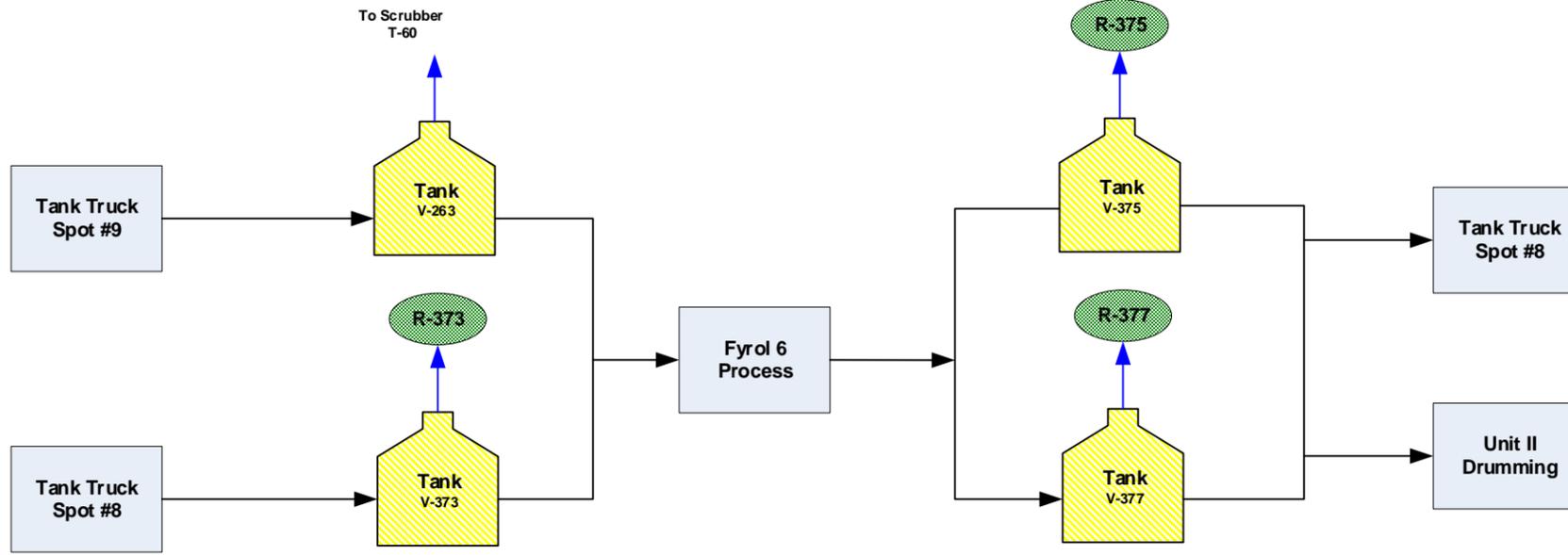
Attachment C – Process Flow Diagram Utilities Logistics



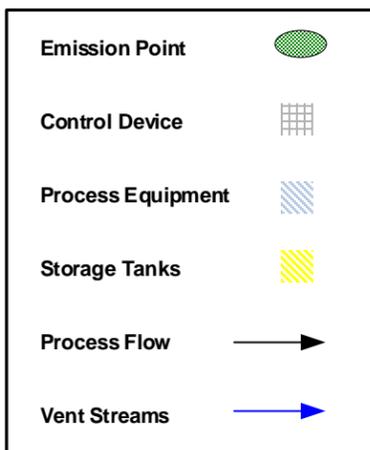
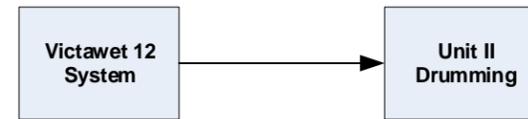
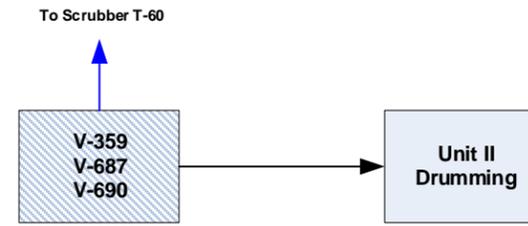
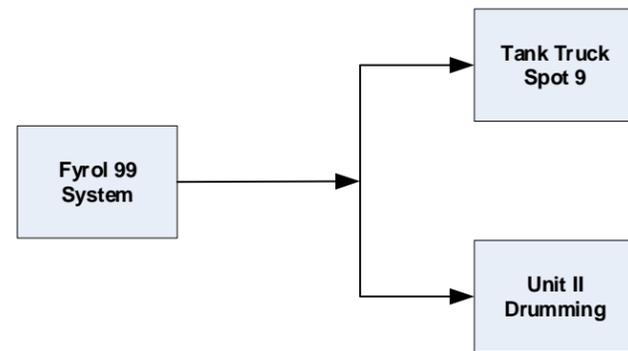
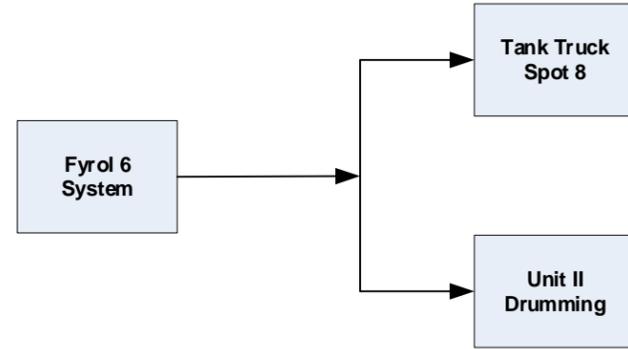
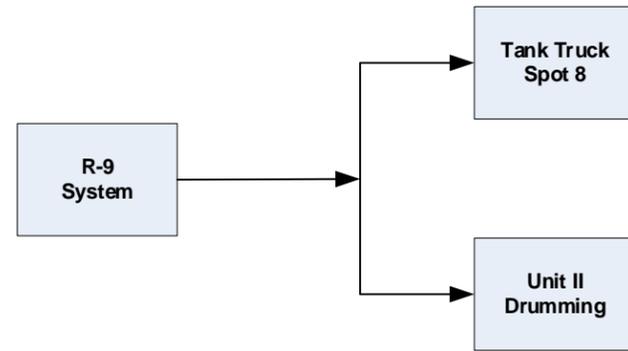
Attachment C – Process Flow Diagram Unit I Logistics



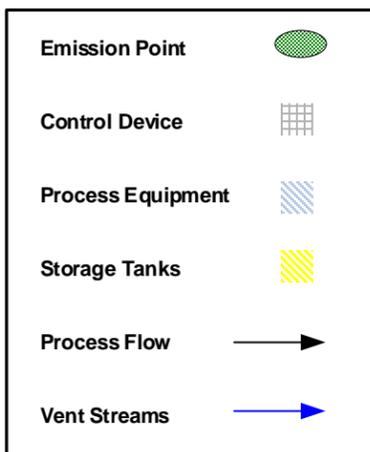
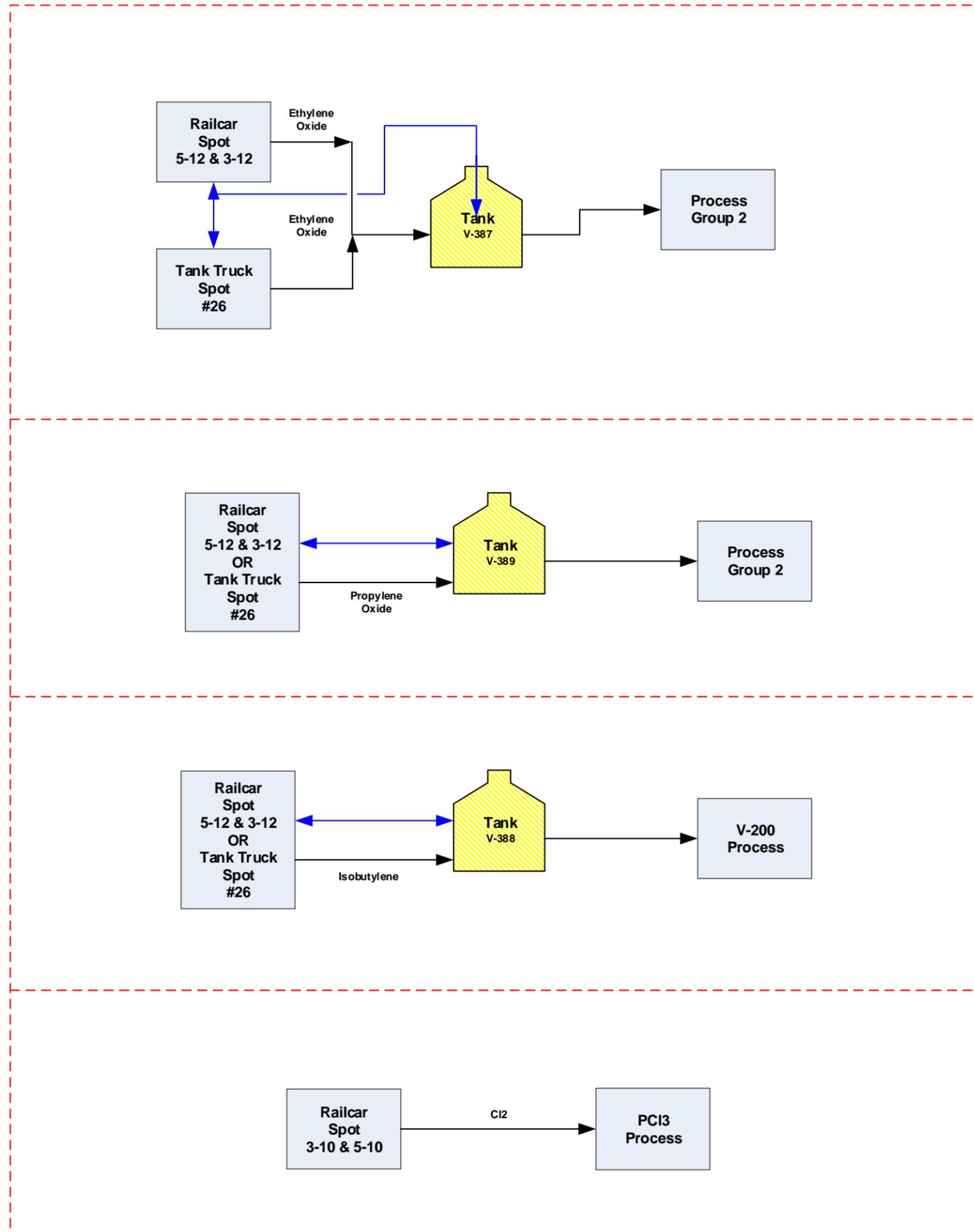
Attachment C – Process Flow Diagram Unit II Logistics (1 of 2)



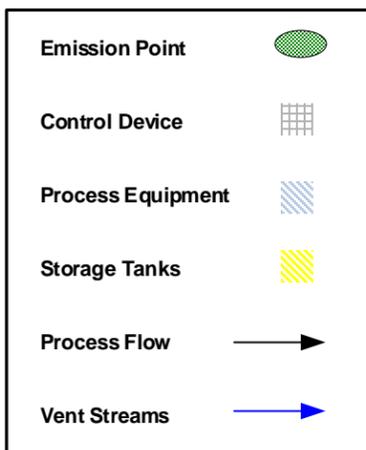
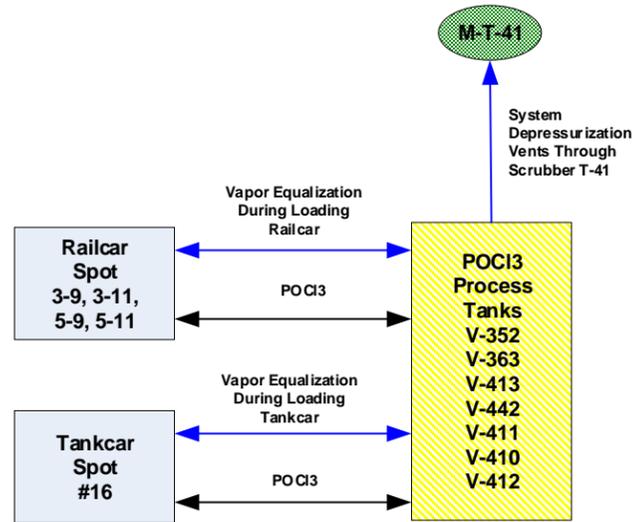
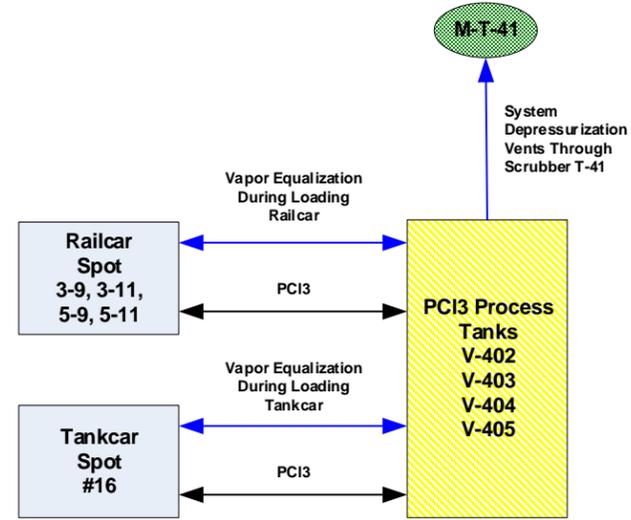
Attachment C – Process Flow Diagram Unit II Logistics (2 of 2)



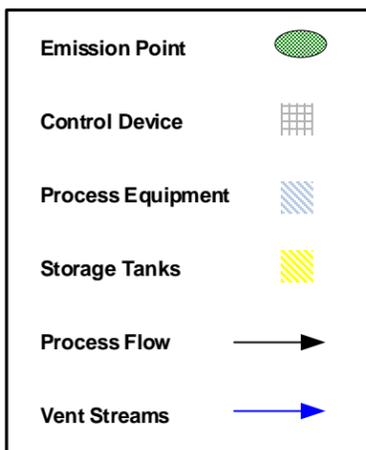
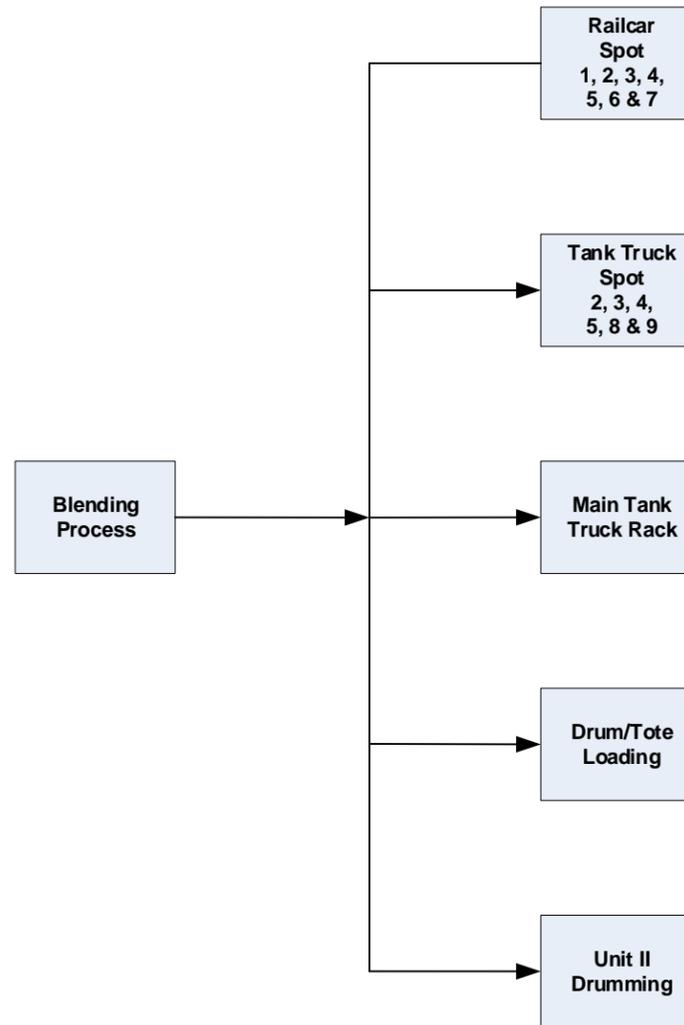
Attachment C – Process Flow Diagram Unit III Logistics (1 of 2)



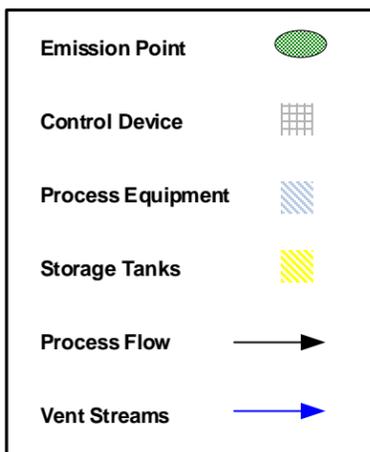
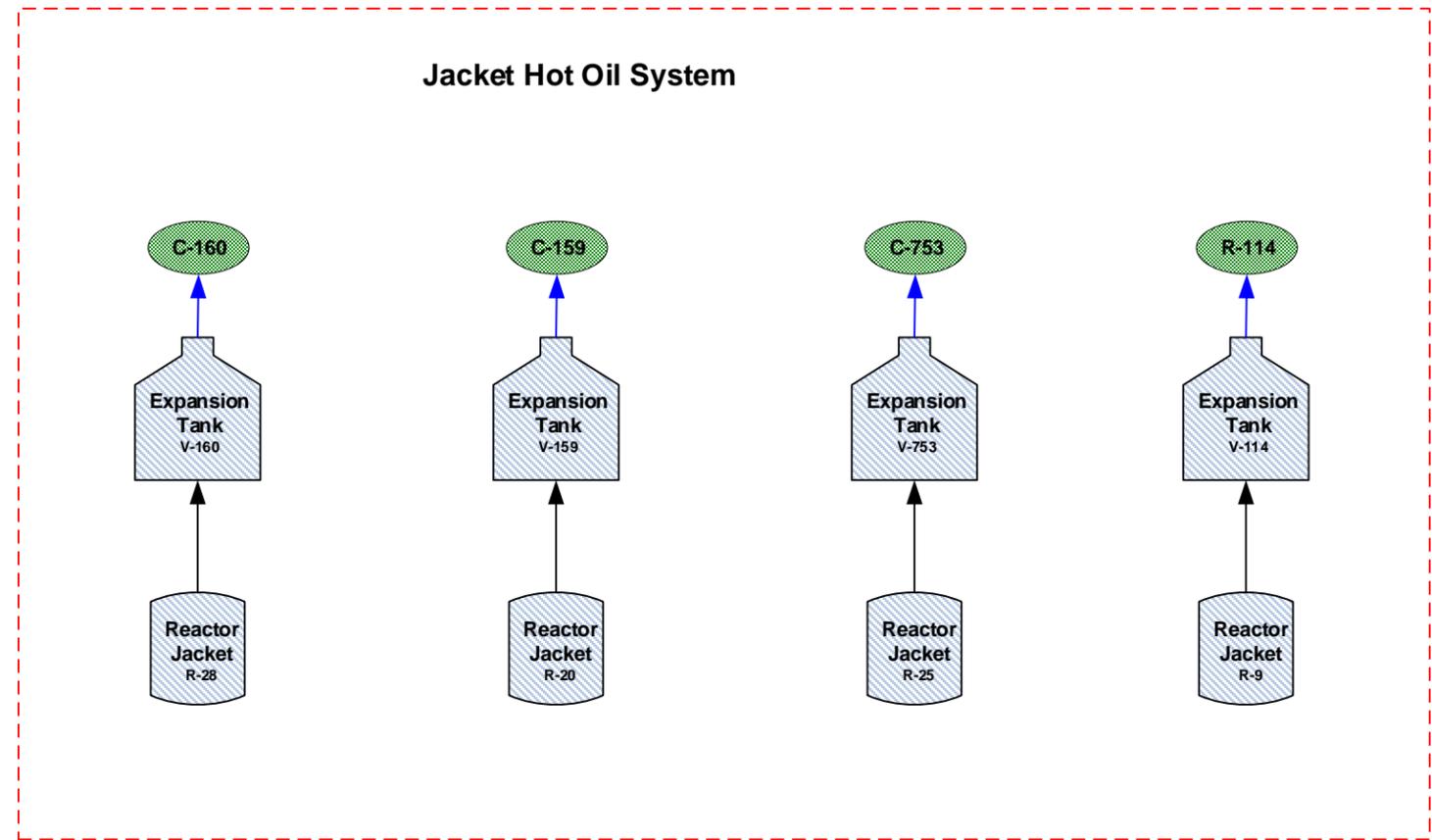
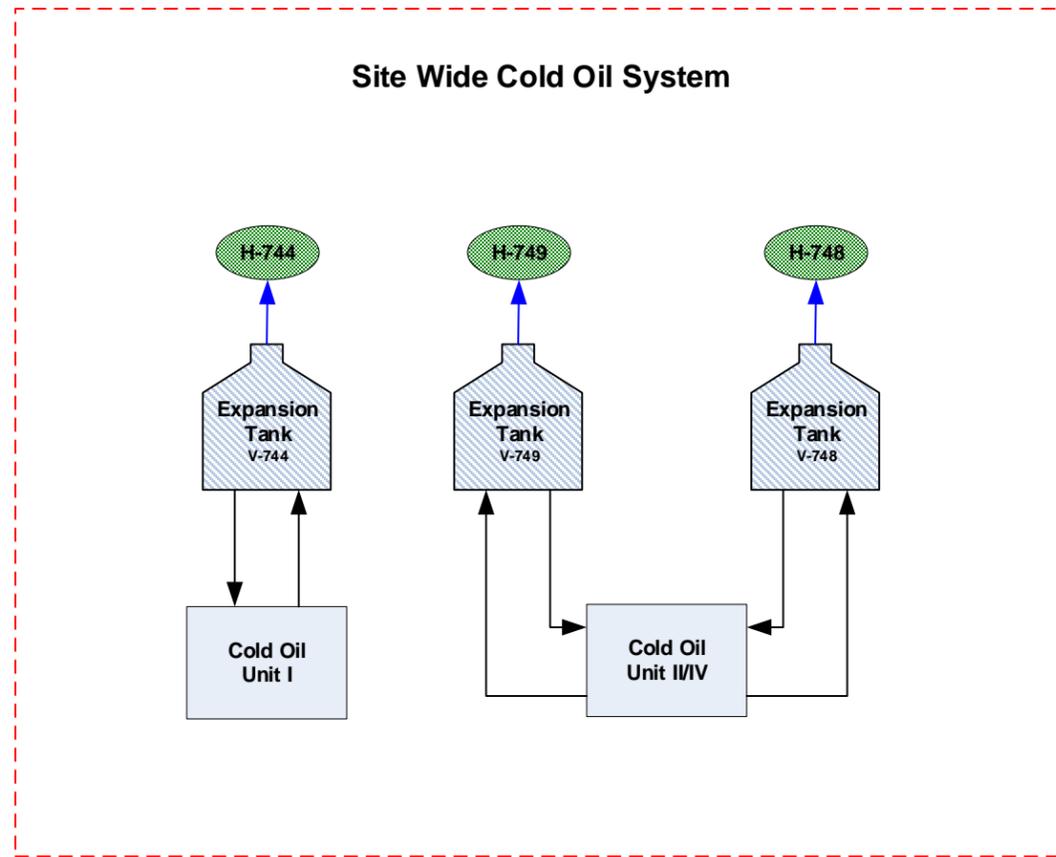
Attachment C – Process Flow Diagram Unit III Logistics (2 of 2)



Attachment C – Process Flow Diagram Blending Logistics

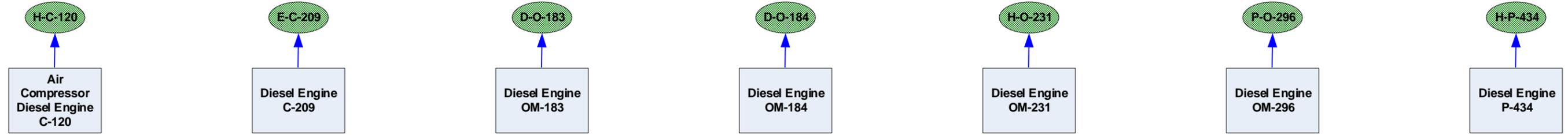


Attachment C – Process Flow Diagram Oil Systems

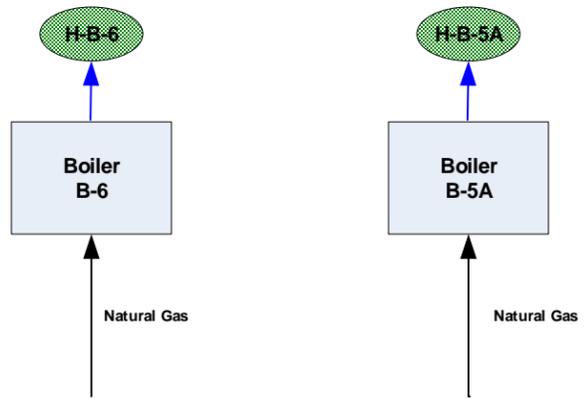


Attachment C – Process Flow Diagram Combustion Sources

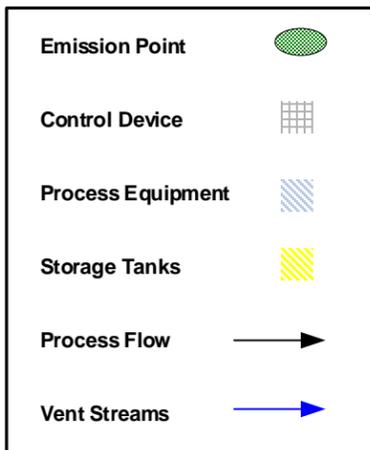
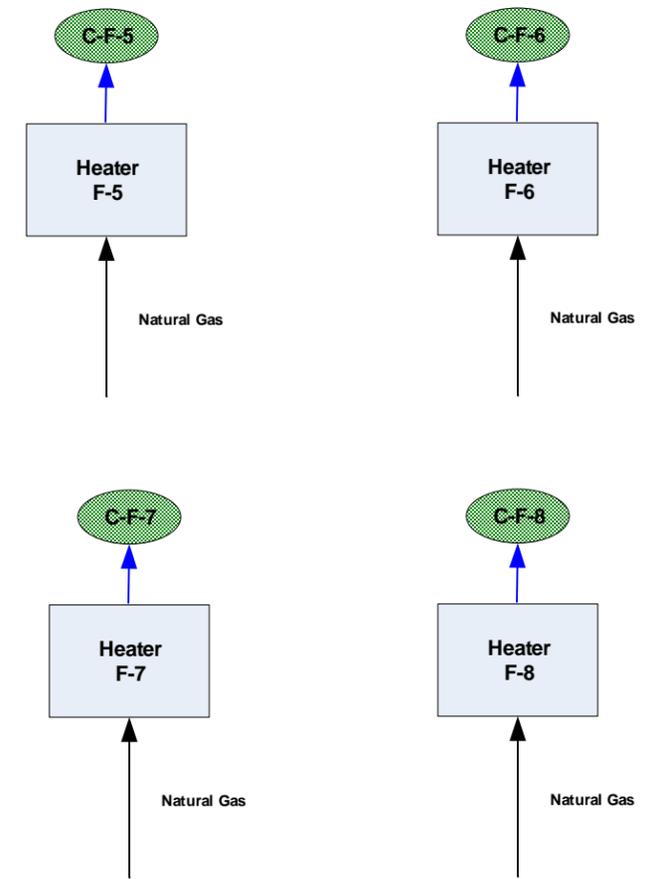
Diesel Internal Combustion Engines



Boilers



Process Heaters



Attachment D

ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as
insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
Production Unit I/IV					
Continuous Production					
N/A	None	R-40	Reactor	1,500 gal	1988
N/A	None	V-541	Reaction Completion	13,500 gal	1979
N/A	None	V-542	Reaction Completion	2,835 gal	1979
N/A	None	T-58	HCl Scrub Tower	21 ft. packing	1988
N/A	None	T-70	Distillation Tower	15 ft. packing	1993
N/A	None	V-354	Receiving Vessel	60 gal	1974
N/A	None	V-194	Receiving Vessel	100 gal	1969
C-J-15	None	OJ-15	Vacuum Jet	1,378 #/hr steam 70 #/hr inerts 70 #/hr HCl	1960
C-J-30	None	OJ-30	Vacuum Jet	325 #/hr steam 20 #/hr inerts	1969
C-166	None	V-166	Washer Feed	<19,800 gal	1958
C-633	None	V-633	Washer Feed	<19,800 gal	1985
N/A	T-50	V-275	Washer	6,000 gal	1975
N/A	T-50	V-276	Washer	6,000 gal	1975
N/A	T-50	V-277	Washer	6,000 gal	1975
N/A	T-50	V-278	Washer	6,000 gal	1975
N/A	T-50	V-451	Washer	6,000 gal	1977
N/A	T-50	V-452	Washer	6,000 gal	1977
C-82	None	V-82	Dryer Feed	8,000 gal	1980
C-599	None	V-599	Dryer Feed	8,000 gal	1980
C-671	None	V-671	Save All Vessel	25,000 gal	1996
C-J-11	None	OJ-11	Vacuum Jet	300 #/hr water 24 #/hr air	1995

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as
insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
C-J-20	None	OJ-20	Vacuum Jet	300 #/hr water 24 #/hr air	1995
C-90	None	V-90	Filter Feed Tank	125 gal	1995
C-T-50	N/A	T-50	Scrubber	1 gpm: liquor flow rate	N/A
N/A	None	OP-23	Filter	135 sq. ft.	1996
N/A	None	HE-36	Dryer	193 sq. ft.	1958
C-T-68	T-68	T-62	HCl Absorber	5 ft. packing	1995
N/A	None	HE-349	HCl Absorber	427 sq. ft.	2000
C-T-68	T-68	V-706	HCl Storage	25,000 gal	2000
C-T-68	T-68	V-707	HCl Storage	25,000 gal	2000
Bis Phosphates					
N/A	None	R-25	Reactor	2,000 gal	2001
N/A	None	V-724	Reaction Completion	13,500 gal	1996
N/A	None	V-631	Reaction Completion	7,500 gal	1996
N/A	None	R-44	Distillation Tower	14 ft. packing	1999
C-J-30	None	OJ-30	Vacuum Jet	325 #/hr steam 20 #/hr inerts	1969
C-J-15	None	OJ-15	Vacuum Jet	1,378 #/hr steam 70 #/hr inerts 70 #/hr HCl	1960
C-J-15/30	None	V-709	Receiver	600 gal	1999
C-273	None	V-273	BEPD Feed Tank	12,500 gal	2012
OJ-15 or OJ-30	None	TX-1	Distillation Tank	N/A	2012
N/A	None	R-46	Reactor	2,000 gal	2001
N/A	None	R-47	Reaction Completion	2,000 gal	2001
N/A	None	OJ-71	Vacuum Pump	710 lb/hr HCl @ 2.1 psia	2001

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as
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Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
N/A	None	T-35	HCl Scrubber	21 ft. packing	2001
N/A	None	T-58	HCl Scrub Tower	21 ft. packing	1988
N/A	None	HE-349	HCl Absorber	427 sq. ft.	2000
C-T-68	T-68	T-62	HCl Absorber	5 ft. packing	1995
C-T-68	T-68	V-706	HCl Storage	25,000 gal	2000
C-T-68	T-68	V-707	HCl Storage	25,000 gal	2000
C-702	None	V-702	Washer Feed	25,000 gal	2001
C-T-50	T-50	V-217	Washer	5,000 gal	2001
C-T-50	T-50	V-218	Washer	5,000 gal	2001
C-T-50	T-50	V-71	Washer	5,000 gal	N/A
C-T-50	T-50	V-72	Washer	5,000 gal	N/A
C-T-50	T-50	V-276	Washer	6,000 gal	1975
C-T-50	T-50	V-277	Washer	6,000 gal	1975
C-T-50	T-50	V-237	Washer	5,000 gal	1975
C-T-50	T-50	V-238	Washer	5,000 gal	1975
C-725	None	V-725	Wet Product Storage	13,000 gal	2001
C-368	None	V-368	Save All Tank	25,000 gal	2001
N/A	None	T-13	Washer	14 contact stages 26 ft. tall	2001
N/A	None	HE-90	Dryer	232 sq. ft.	1995
C-88	None	V-88	Filter Feed Tank	140 gal	2001
N/A	None	OP-3	Filter	135 sq. ft.	2007
C-J-20	None	OJ-20	Vacuum Jet	300 lbs/water 24 lbs/hr air	1995
C-J-11	None	OJ-11	Vacuum Jet	300 lbs/water 25 lbs/hr air	1995

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as
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Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
C-675	None	V-675	Day Tank	25,000 gal	1995
C-676	None	V-676	Day Tank	25,000 gal	1995
Unit IV TBF/TBEP Production					
N/A	None	V-44	Reactor	2,800 gal	1956
C-37	None	V-37	NaOH	6,000 gal	1992
N/A	None	T-1	Drying Tower	20 ft. packing	1986
N/A	None	V-557	Buffer Tank	5,000 gal	1980
N/A	None	V-158	Seperator	250 gal	1986
N/A	None	V-175	K O Pot	1,400 gal	1956
C-56	None	V-56	K O Pot	600 gal	1956
H-J-29	None	OJ-29	Vacuum Jet	20 lbs/hr air	1972
H-J-32	None	OJ-32	Vacuum Jet	20 lbs/hr air	1977
N/A	None	R-36	Reactor	500 gal	1988
N/A	None	R-37	Reactor	500 gal	1988
N/A	None	R-38	Reactor	500 gal	1988
N/A	None	R-34	Reactor	2,000 gal	1980
N/A	None	T-77	HCl Absorber	6 ft. packing	2002
N/A	None	V-715	HCl Storage	750 gal	1991
C-T-50	T-50	V-237	Washer	5,000 gal	1966
C-T-50	T-50	V-238	Washer	5,000 gal	1966
C-670	None	V-670	Save All Tank	25,000 gal	1992
C-80	None	V-80	Dryer Feed	8,000 gal	1980
C-84	None	V-84	Dryer Feed	8,000 gal	1980
N/A	None	HE-338	Dryer	193 sq. ft.	1988

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as
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Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
C-J-57	None	OJ-57	Vacuum Jet	300 lbs/water 25 lbs/hr air	1995
C-89	None	V-89	Filter Feed	125 gal	1995
N/A	None	OP-58	Filter	135 sq. ft.	1966
N/A	None	OP-187	Filter	6 sq. ft.	1987
C-T-50	T-50	T-50	Scrubber	1 gpm: liquor flow rate	N/A
C-183	None	V-183	Day Tank	6,000 gal	1960
C-184	None	V-184	Day Tank	6,000 gal	1960
C-185	None	V-185	Day Tank	6,000 gal	1960
C-560	None	V-560	Day Tank	10,000 gal	1980
C-561	None	V-561	Day Tank	10,000 gal	1980
C-634	None	V-634	Day Tank	16,900 gal	1985
C-J-36	None	OJ-36	Vacuum Jet	40 lbs/water 20 lbs/hr air	1987
N/A	None	R-39	Reactor	500 gal	1988
H-306	None	V-306	Distillation Feed	1,270 gal	1969
N/A	None	T-52	Distillation Tower	10 ft. packing	1985
N/A	None	T-19	Distillation Tower	6 ft. packing	1991
N/A	None	V-298	O. H. Receiver	100 gal	1977
N/A	None	V-619	O. H. Receiver	300 gal	1983
N/A	None	V-305	Buffer Tank	2,000 gal	1970
H-302	None	V-302	Washer	470 gal	1997
H-303	None	V-303	Washer	470 gal	1997

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Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
H-287	None	V-287	Separator	420 gal	1983
H-116	None	V-116	Washer Feed	1,700 gal	1957
H-119	None	V-119	Washer Feed	1,700 gal	1957
H-107	None	V-107	Save All Tank	9,000 gal	1981
C-229	None	V-229	Tank	10,000 gal	1965
C-230	None	V-230	Tank	10,000 gal	1965
Naturals Production					
N/A	None	R-43 / V-43	Reactor System / Reaction Completion	1,500 gal	2002
N/A	None	R-42 / V-42	Reactor System / Reaction Completion	2,800 gal	2002
N/A	None	V-724	Reaction Completion	13,500 gal	1996
N/A	None	HE-340	Distillation Tower	231 sq. ft.	2007
N/A	None	V-714	Receiving Vessel	1,000 gal	2002
C-J-30	None	OJ-30	Vacuum Jet	325 #/hr steam 20 #/hr inerts	1969
C-J-15	None	OJ-15	Vacuum Jet	1,378 #/hr steam 70 #/hr inerts 70 #/hr HCl	1960
C-57	None	V-57	Washer Feed	7,500 gal	2002
C-T-50	None	V-276	Washer	6,000 gal	1975
C-T-50	None	V-277	Washer	6,000 gal	1975
C-63	None	V-63	Dryer Feed	12,000 gal	2002
C-568	None	V-568	Save All Tank	25,000 gal	1980
C-J-69	None	OJ-69	Vacuum Jet	40 lbs/water 20 lbs/hr air	1995
C-571	None	V-571	Filter Feed Tank	4,000 gal	1998
N/A	None	OP-56	Filter	135 sq. ft.	1998
N/A	None	V-106	Dryer	2,300 gal	2002
N/A	None	T-35	HCl Scrub Tower	21 ft. packing	2001

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N/A	None	T-58	HCl Scrub Tower	21 ft. packing	1988
C-T-68	T-68	T-62	HCl Absorber	5 ft. packing	1995
N/A	None	HE-349	HCl Absorber	427 sq. ft.	2000
C-T-68	T-68	V-706	HCl Storage	25,000 gal	2000
C-T-68	T-68	V-707	HCl Storage	25,000 gal	2000
Group 2 Production					
C-T-50	T-50	R-28	Reactor	N/A	N/A
C-T-50	T-50	V-564	Pre-Wash Tank	<19,800 gal	2000
C-T-50	T-50	V-565	Wash Tank	N/A	N/A
C-T-50	T-50	V-566	Wash Tank	N/A	N/A
C-83	None	V-83	Dehydrator Feed Tank	<19,800 gal	1956
C-577	None	V-577	Dehydrator Feed Tank	<19,800 gal	1980
C-J-53	None	HE-280	Dehydrator	<19,800 gal	2001
C-J-53	None	OJ-53	Vacuum Jet	300 #/hr water vapor 25 #/hr inerts 1,068 #/hr steam	1998
C-365	None	V-365	Save All Tank	<39,000 gal	1974
C-T-50	T-50	R-20	Reactor	N/A	N/A
C-T-50	T-50	V-570	Pre-Wash Tank	N/A	N/A
C-T-50	T-50	V-71	Wash Tank	N/A	N/A
C-T-50	T-50	V-72	Wash Tank	N/A	N/A
C-81	None	V-81	Dehydrator Feed Tank	<19,800 gal	1956
C-94	None	V-94	Dehydrator Feed Tank	<19,800 gal	1956
C-569	None	V-569	Filter Feed Tank	500 gal	1996
C-174	None	V-174	Filter Feed Tank	500 gal	1988
C-J-12	None	HE-037	Dehydrator	<19,800 gal	1955

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C-J-12	None	OJ-12	Vacuum Jet	300 #/hr water vapor 25 #/hr inerts 1,068 #/hr steam	1998
C-567	None	V-567	Save All Tank	<39,900 gal	1980
C-T-50	T-50	C-R-50	Digestor	25 gpm, 500 gal	2004
C-100	None	V-100	Check/Day Tank	<19,800 gal	1955
C-101	None	V-101	Check/Day Tank	<19,800 gal	1955
C-215	None	V-215	Check/Day Tank	<19,800 gal	~1963
C-216	None	V-216	Check/Day Tank	<19,800 gal	~1963
C-T-50	N/A	T-50	Scrubber	1 gpm: liquor flow rate	N/A
V-200 Production					
N/A	None	V-200	Reactor	22,000 gal	Pre 1980
N/A	None	V-344	Knock Out	1,500 gal	1974
N/A	None	V-4	Tank	50,000 gal	1985
N/A	None	V-5	Tank	50,000 gal	1985
Tri Aryl Production⁽¹⁾					
C-91	None	V-91	Tank	8,000 gal	1980
C-92	None	V-92	Tank	8,000 gal	1980
C-93	None	V-93	Tank	8,000 gal	1980
C-97	None	V-97	Tank	15,000 gal	1980
C-98	None	V-98	Tank	15,000 gal	1980
C-212	None	V-212	Tank	15,000 gal	1980
C-562	None	V-562	Tank	10,000 gal	1980
C-563	None	V-563	Tank	10,000 gal	1980
C-574	None	V-574	Tank	10,000 gal	1980

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C-575	None	V-575	Tank	10,000 gal	1980
C-576	None	V-576	Tank	8,000 gal	1980
C-668	None	V-668	Tank	25,000 gal	1988
C-669	None	V-669	Tank	25,000 gal	1988
Unit I Logistics					
C-37	N/A	V-37	Tank	6,000 gal	1987
C-558	N/A	V-558	Tank	10,000 gal	2007
C-559	N/A	V-559	Tank	10,000 gal	2007
Production Unit II					
Diocetyl Acid Pyrophosphate System					
N/A	None	R-13	Reactor	2,000 gal	1968
R-J-39	None	OJ-39	Vacuum Jet	290 #/hr steam 20 #/hr inerts	1973
Unit II Fyrol 6					
N/A	T-60	V-263	Tank	6,000 gal	1968
N/A	None	R-23	Reactor	2,800 gal	1974
R-75	None	V-75	Tank	1,800 gal	1979
N/A R-315	None	V-316	Receiver Tank	500 gal	1975
R-J-56	None	OJ-56	Vacuum Jet	20 lbs/hr air	1985
R-375	None	V-375	Tank	12,500 gal	1974
R-377	None	V-377	Tank	12,500 gal	1974
Unit II Fyrol PNx					
N/A	None	R-12	Reactor	2,000 gal	1968
N/A	None	R-13	Reactor	2,000 gal	1968
N/A	None	R-35	Reactor System	2,000 gal	1980

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R-J-38	None	OJ-38	Vacuum Jet	290 #/hr steam 20 #/hr inerts	1973/1987
R-J-39	None	OJ-39	Vacuum Jet	290 #/hr steam 20 #/hr inerts	1973/1987
R-9					
N/A	T-55	R-9	Reactor	2,000 gal	1987
B-6	None	V-6	Tank	50,000 gal	2019
R-333	None	V-333	Save All Tank	12,500 gal	1973

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R-R-33	None	R-33	Washer	4,000 gal	1979
R-323	None	V-323	Separator	2,000 gal	1971
R-324	None	V-324	Separator	2,000 gal	1971
N/A	None- T 55	T-55	Scrubber	6 ft. packing	1992
N/A	None	V-621	Dryer	5,000 gal	1984
N/A	None	OP-89	Filter	76 sq. ft.	1991
R-J-52	None	OJ-52	Vacuum Jet	20 #/hr air	1985
R-J-56	None	OJ-56	Vacuum Jet	20 #/hr air	1985
R-J-25	None	OJ-25	Vacuum Jet	25 #/hr water 25 #/hr air	Pre 1980
R-334	None	V-334	Tank	12,500 gal	1973
R-335	None	V-335	Tank	12,500 gal	1973
R-372	None	V-372	Tank	12,500 gal	1973
R-374	None	V-374	Tank	12,500 gal	1975
R-376	None	V-376	Tank	12,500 gal	1975

R-548	None	V-548	Tank	12,500 gal	1975
N/A	T-60	V-359	Tank	10,000 gal	1979
N/A	T-60	V-687	Tank	6,000 gal	1974
N/A	T-60	V-690	Tank	2,500 gal	1989
Victawet 12					
N/A	None	R-12	Completion Reactor	2,000 gal	1968
N/A	None	R-13	Completion Reactor	2,000 gal	1968
R-J-38	None	OJ-38	Vacuum Jet	290 #/hr steam 20 #/hr inerts	1973/1987
R-J-39	None	OJ-39	Vacuum Jet	290 #/hr steam 20 #/hr inerts	1973/1987
SBP System					
R-R-11	None	R-11	Reactor	1,000 gal	1967
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Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
R-256	None	V-256	Tank	1,000 gal	1984
R-M-251	None	OM-251	Tank	100 cu. ft.	1986
EO Scrubber					
N/A	T-76	V-746	Completion Reactor	11,000 gal	1994
N/A	T-76	V-747	Completion Reactor	2,600 gal	1994
N/A	T-76	V-40	Tank	6,000 gal	1994
Unit II Logistics					
N/A	T-60	V-263	Tank	6,000 gal	1968
R-373	None	V-373	Tank	12,500 gal	1974
R-375	None	V-375	Tank	12,500 gal	1974
R-377	None	V-377	Tank	12,500 gal	1974
R-261	None	V-261	Tank	6,000 gal	1968
R-259	None	V-259	Tank	12,000 gal	1967
B-666	None	V-666	Tank	50,000 gal	1987

R-260	None	V-260	Tank	12,000 gal	1967
R-334	None	V-334	Tank	12,500 gal	1973
R-335	None	V-335	Tank	12,500 gal	1973
R-372	None	V-372	Tank	12,500 gal	1975
R-374	None	V-374	Tank	12,500 gal	1975
R-376	None	V-376	Tank	12,500 gal	1975
R-548	None	V-548	Tank	12,500 gal	1979
R-629	None	V-629	Tank	12,000 gal	1987

Production Unit III

POCI3

N/A	None	R-31	Reactor	2,900 gal	1975
N/A	None	V-406	Stripper	280 gal	1975

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/ Modified
N/A	None	V-407	Stripper	30 gal	1975
N/A	None	T-22	Distillation Tower	30 ft. packing	1975
N/A	None	V-408	Tank Receiver	82 gal	1975
N/A	None	T-24	Scrub Tower	12 ft. packing	1975
N/A	None	T-23	Scrub Tower	18 ft. packing	1975
N/A	None	V-410	Day Tank	3,000 gal	1975
N/A	None	V-411	Day Tank	3,000 gal	1975
N/A	None	V-352	Storage Tank	24,000 gal	1975
N/A	None	V-363	Storage Tank	24,000 gal	1975
N/A	None	V-413	Storage Tank	24,000 gal	1975
N/A	None	V-442	Storage Tank	24,000 gal	1986
PC13					
N/A	None	R-41	Reactor	4,000 gal	1988
N/A	None	V-391	P4 Tank	25,380 gal	1975

N/A	None	V-393	Water Tank	76,530 gal	2008
N/A	None	V-420A	Caustic Add Tank	1,245 gal	2011
N/A	None	T-20A	Distillation Tower	23 ft. packing	2001
N/A	None	T-20B	Distillation Tower	23 ft. packing	2007
N/A	None	T-24	Scrub Tower	12 ft. packing	1975
N/A	None	T-23	Scrub Tower	18 ft. packing	1975
N/A	None	V-401	Tank	365 gal	1975
N/A	None	V-402	Tank	3,600 gal	1975
N/A	None	V-403	Tank	3,600 gal	2007
N/A	None	V-404	Tank	3,600 gal	1975
N/A	None	V-405	Tank	33,840 gal	1975

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as
insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/ Modified
Unit III Logistics					
N/A	None	V-386	Tank	30,000 gal	1976
N/A	None	V-387	Tank	30,000 gal	1976
N/A	None	V-388	Tank	30,000 gal	1976
N/A	None	V-389	Tank	30,000 gal	1976
N/A	None	V-402	Tank	3,600 gal	1975
N/A	None	V-403	Tank	3,600 gal	2007
N/A	None	V-404	Tank	3,600 gal	1975
N/A	None	V-405	Tank	33,840 gal	1975
N/A	None	V-411	Day Tank	3,000 gal	1975
N/A	None	V-352	Storage Tank	24,000 gal	1975
N/A	None	V-363	Storage Tank	24,000 gal	1975
N/A	None	V-413	Storage Tank	24,000 gal	1975
N/A	None	V-442	Storage Tank	24,000 gal	1986

Distribution					
Tanks					
T-592	None	V-592	Tank	22,000 gal	1980
T-31	None	V-31	Tank	10,000 gal	1978
B-170	None	V-170	Tank	50,000 gal	1982
B-610	None	V-610	Tank	57,000 gal	1982
B-578	None	V-578	Tank	7,900 gal	1982
P-658	None	V-658	Tank	50,000 gal	1986
B-J-55	None	V-531	Tank	50,000 gal	1994

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ATTACHMENT D - Title V Equipment Table (includes all emission units at the facility except those designated as insignificant activities in Section 4, Item 24 of the General Forms)					
Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/ Modified
B-J-55	None	V-534	Tank	50,000 gal	1994
B-211	None	V-211	Tank	25,000 gal	1962
B-1	None	V-1	Tank	50,000 gal	1994
B-2	None	V-2	Tank	50,000 gal	1994
B-3	None	V-3	Tank	50,000 gal	1994
B-9	None	V-9	Tank	50,000 gal	1994
B-643	None	V-643	Tank	100,000 gal	2006
B-232	None	V-232	Tank	15,000 gal	1966
B-308	None	V-308	Tank	15,000 gal	1970
B-340	None	V-340	Tank	100,000 gal	1973
B-341	None	V-341	Tank	100,000 gal	1973
B-234	None	V-234	Tank	15,000 gal	1966
B-6	None	V-6	Tank	50,000 gal	1956
B-180	None	V-180	Tank	100,000 gal	1959
B-23	None	V-23	Tank	15,000 gal	1956
B-20	None	V-20	Tank	50,000 gal	1955

B-15	None	V-15	Tank	100,000 gal	1955
B-16	None	V-16	Tank	100,000 gal	1955
B-17	None	V-17	Tank	50,000 gal	1955
B-18	None	V-18	Tank	50,000 gal	1955
B-19	None	V-19	Tank	50,000 gal	1955
B-700	None	V-700	Tank	50,000 gal	1990
B-805	T-55 (Scrubber)	V-805	Tank	26,000 gal	2019
B-806	T-55 (Scrubber)	V-806	Tank	26,000 gal	2019
B-659A	T-55 (Scrubber)	V-659A	Tank	22,900 gal	2019
B-723	None	V-723	Tank	4,825 gal	2019

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as
insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
T-517	None	V-517	Tank	230,000 gal	1977
B-539	None	V-539	Tank	100,000 gal	2007
B-605	None	V-605	Tank	50,000 gal	1981
B-171	None	V-171	Tank	50,000 gal	1959
B-735	None	V-735	Tank	50,000 gal	1994
B-12	None	V-12	Tank	10,000 gal	1955
B-21	None	V-21	Tank	50,000 gal	1955
B-24	None	V-24	Tank	15,000 gal	1955
B-176	None	V-176	Tank	12,000 gal	1959
B-279	None	V-279	Tank	15,000 gal	1994
B-280	None	V-280	Tank	15,000 gal	1968
B-104	None	V-104	Tank	15,000 gal	1955
B-105	None	V-105	Tank	15,000 gal	1955
B-233	None	V-233	Tank	12,500 gal	1973
B-7	None	V-7	Tank	50,000 gal	1955
B-231	None	V-231	Tank	100,000 gal	1994

B-210	None	V-210	Tank	50,000 gal	1961
B-208	None	V-208	Tank	50,000 gal	1961
B-172	None	V-172	Tank	50,000 gal	1959
B-290	None	V-290	Tank	100,000 gal	1969
B-291	None	V-291	Tank	100,000 gal	1969
B-339	None	V-339	Tank	100,000 gal	1973
B-209	None	V-209	Tank	50,000 gal	1961
B-213	None	V-213	Tank	50,000 gal	1959
B-236	None	V-236	Tank	50,000 gal	1969
B-342	None	V-342	Tank	50,000 gal	1973

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
B-594	None	V-594	Tank	100,000 gal	1980
B-595	None	V-595	Tank	100,000 gal	1980
T-516	None	V-516	Tank	230,000 gal	1977
T-518	None	V-518	Tank	230,000 gal	1977
B-666	None	V-666	Tank	50,000 gal	1987
H-30	None	V-30	Tank	8,000 gal	1983
Loading					
N/A	None	TR-East	Main Truck Rack East	44,100 gal/day	1983
N/A	None	TR-West	Main Truck Rack West	44,100 gal/day	1983
N/A	None	TT-2	Tank Truck Spot 2	11,000 gal/day	1979
N/A	None	TT-3	Tank Truck Spot 3	5,500 gal/day	1960
N/A	None	TT-4	Tank Truck Spot 4	5,500 gal/day	1960
N/A	None	TT-5	Tank Truck Spot 5	5,500 gal/day	1960
N/A	None	TT-8	Tank Truck Spot 8	11,000 gal/day	1974
N/A	None	TT-9	Tank Truck Spot 9	7,200 gal/day	1974
N/A	None	TT-16	Tank Truck Spot 16	15,400 gal/day	2000

N/A	None	TT-17	Tank Truck Spot 17	22,000 gal/day	1995
N/A	None	DT-East	Drum/Tote Filling East	44,000 gal/day	1996
N/A	None	DT-West	Drum/Tote Filling West	44,000 gal/day	1996
N/A	None	DT-Center	Drum/Tote Filling Center	44,000 gal/day	1996
N/A	None	DF-I	Unit I Drumming	44,000 gal/day	1990
N/A	None	DF-II	Unit II Drumming	44,000 gal/day	1991
N/A	None	RC-1	Rail Car Spot 1	22,000 gal/day	1960
N/A	None	RC-2	Rail Car Spot 2	22,000 gal/day	1960
N/A	None	RC-3	Rail Car Spot 3	22,000 gal/day	1960

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
N/A	None	RC-4	Rail Car Spot 4	22,000 gal/day	1960
N/A	None	RC-5	Rail Car Spot 5	22,000 gal/day	1960
N/A	None	RC-6	Rail Car Spot 6	22,000 gal/day	1960
N/A	None	RC-7	Rail Car Spot 7	22,000 gal/day	1960
N/A	None	TC 3-9	Tank Car Spot 3-9	22,000 gal/day	1975
N/A	None	TC 3-11	Tank Car Spot 3-11	15,500 gal/day	1975
N/A	None	TC 5-9	Tank Car Spot 5-9	15,500 gal/day	1975
N/A	None	TC 5-11	Tank Car Spot 5-11	15,500 gal/day	1975
Other Logistics					
Utilities Logistics					
H-294	None	V-294	Tank	16,000 gal	1968
			Blending		
R-R-22	None	R-22	Reactor	2,000 gal	1972
R-R-23	None	R-23	Reactor	4,000 gal	1978
R-R-33	None	R-33	Reactor	4,000 gal	1983
R-R-11	None	R-11	Reactor	1,000 gal	1967

R-R-12	None	R-12	Reactor	2,000 gal	1967
R-R-13	None	R-13	Reactor	2,000 gal	1967
R-R-15	None	R-15	Reactor	1,000 gal	1967
K-T	None	Totes	Totes	275 gal	1967
K-DR	None	Drums	Drums	55 gal	1996
B-346	None	V-346	Mix Tank	5,000 gal	1974
B-345	None	V-345	Mix Tank	5,000 gal	1974
B-613	None	V-613	Mix Tank	5,000 gal	1982
B-343	None	V-343	Mix Tank	5,000 gal	1974

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ATTACHMENT D - Title V Equipment Table
(includes all emission units at the facility except those designated as insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/ Modified
B-168	None	V-168	Mix Tank	5,000 gal	1974
Oil Systems					
H-744	None	V-744	Expansion Tank	6,000 gal	1996
H-748	None	V-748	Expansion Tank	6,000 gal	1996
H-749	None	V-749	Expansion Tank	6,000 gal	1996
C-159	None	V-159	Expansion Tank	100 gal	Pre 1980
C-160	None	V-160	Expansion Tank	100 gal	Pre 1980
R-114	None	V-114	Expansion Tank	1,720 gal	1989
C-753	None	V-753	Expansion Tank	100 gal	1995
N/A	None	R-28	Reactor Jacket	300 gal	1975
N/A	None	R-20	Reactor Jacket	300 gal	1968
N/A	None	R-25	Reactor Jacket	300 gal	1981
N/A	None	R-9	Reactor Jacket	300 gal	1986
Wastewater Treatment					
P-662 (Various Fugitive)	Chemical Digester	WWTU	Wastewater Treatment Unit	600 gpm	1987

Combustion Sources					
H-C-120	None	C-120	Air Compressor	128 hp	1987
E-C-209	None	C-209	Diesel Engine	78 hp	1996
D-O-183	None	OM-183	Diesel Engine	375 hp	1978
D-O-184	None	OM-184	Diesel Engine	375 hp	1978
H-O-231	None	OM-231	Diesel Engine	368.8 hp	1988
P-O-296	None	OM-296	Diesel Engine	368.8 hp	1988
H-P-434	None	P-434	Diesel Engine	190 hp	1976
H-B-6	None	B-6	Heater	93.7 mmBtu/hr	1977
H-B-5A	None	B-5A	Boiler	122 mmBtu/hr	1998

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ATTACHMENT D - Title V Equipment Table (includes all emission units at the facility except those designated as insignificant activities in Section 4, Item 24 of the General Forms)					
Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/Modified
C-F-5	None	F-5	Heater	8.2 mmBtu/hr	1960
C-F-6	None	F-6	Heater	6.4 mmBtu/hr	1969
C-F-7	None	F-7	Heater	0.75 mmBtu/hr	1976
C-F-8	None	F-8	Heater	0.75 mmBtu/hr	1976
Control Devices					
M-T-41	T-41	T-40	Scrub Tower	15 ft. packing	2008
M-T-41	None	T-41	Scrub Tower	15 ft. packing	1979
C-T-45	None	T-45	Scrub Tower	10 ft. packing	1997
C-T-50	None	T-50	Scrubber	1 gpm: liquor flow rate	N/A
N/A	None	T-55	Scrubber	6 ft. packing	1992
R-T-60	None	T-60	Scrubber	7 ft. packing	1995
N/A	T-60	T-61	Scrubber	7 ft. packing	1995
C-T-68	None	T-68	HCl Scrubber	5 ft. packing	1995
N/A	T-76	T-74	Scrubber	24 ft. packing	1994

N/A	T-76	T-75	Scrubber	24 ft. packing	1994
R-T-76	None	T-76	Scrubber	6 ft. packing	1994

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Attachment E

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-50	Emission unit name: Scrubber	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-T-50
 Scrubber with 1 gallon per minute liquor flowrate.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1 gallon per minute liquor flowrate

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-36	Emission unit name: Dryer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
193 sq. ft. Dryer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1958	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 193 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HCI Absorber	Emission unit name: HCI Absorber	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
427 sq. ft. HCI Absorber.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 427 sq. ft

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-11	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-J-11
300 #/hr water and 24 #/hr air Vacuum Jet Unit

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 #/hr water and 24 #/hr air Vacuum Jet Unit

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description			
Emission unit ID number: OG-15	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-J-15 Vacuum Jet with 1,378 #/hr steam, 70 #/hr inerts, and 70 #/hr HCl.			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1960	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,378 #/hr steam, 70 #/hr inerts, and 70 #/hr HCl.			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-20	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-20
 300 #/hr water and 24 #/hr air Vacuum Jet Unit

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 #/hr water and 24 #/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-30	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

Emissions Point ID: J-J-30
Vacuum Jet with 325 #/hr steam and 20 #/hr inerts.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1969	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 325 #/hr steam and 20#/hr inerts.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OP-23	Emission unit name: Filter	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
135 sq. ft. filter

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 135 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-40	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

1,500 gallon reactor used in Production Unit I/IV

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,500

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "continuous" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-58	Emission unit name: HCl Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

21 foot packing HCl scrub tower used in Production Unit I/IV

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 21 foot packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-62	Emission unit name: HCl Absorber	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
5 ft. packing HCl Absorber

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-70	Emission unit name: Distillation Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

15 foot packing distillation tower.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1993	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Hydrochloric acid is a concern for this particular unit, and is obligated under [45CSR§7-4.2 and 45CSR13, R13-2438, 4.1.8.], to be retained and not be escape or be released from containment in quantities greater than those listed in Table 45-7B.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-599	Emission unit name: Dryer Feed	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-599 8,000 gallon Dryer Feed			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1980	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gallon			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-90	Emission unit name: Filter Feed Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Pointe ID: C-90 125 gallon Filter Feed Tank			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1995	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 125 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	<0.001	0.002
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-166	Emission unit name: Washer Feed	List any control devices associated with this emission unit: C-166
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Washer Feed <19,800 gallons.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1958	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 22 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.37	0.10
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-194	Emission unit name: Receiving Vessel	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

100 gallon receiving vessel.

Manufacturer: N/A	Model number: 1969	Serial number: N/A
Construction date: N/A	Installation date:	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-275	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Washer: 6,000 gallons.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1975	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "continuous" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-276	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
6,000 Washer.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1975	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-277	Emission unit name: Washer	List any control devices associated with this emission unit: T-50	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): 6,000 Washer.			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1975	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-278	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
6,000 Washer.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-354	Emission unit name: Receiving Vessel	List any control devices associated with this emission unit: None
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
60 gallon Receiving Vessel

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1974	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-451	Emission unit name: Washer	List any control devices associated with this emission unit: T-50	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): 6,000 gallon Washer Unit.			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1977	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-452	Emission unit name: Washer	List any control devices associated with this emission unit: T-50	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): 6,000 gallon Washer Unit.			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1977	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-541	Emission unit name: Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

13,500 gallons reaction completion

Manufacturer:	Model number: N/A	Serial number: N/A
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Construction date:	Installation date: 1979	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 13,500 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
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Maximum design heat input and/or maximum horsepower rating:	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-542	Emission unit name: Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
2,835 gallon reaction completion.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1979	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-599	Emission unit name: Dryer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-599
 8,000 gallon Dryer Feed

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 22 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.006	0.002
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "continuous" subunit [45CSR13, R13-2438, 4.1.11.2].

 Z Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Z Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-633	Emission unit name: Washer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

Emissions Point ID: C-633
Washer Feed <19,800 gallons.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1985	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.38	0.10
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	0.37	0.10
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "continuous" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-671	Emission unit name: Save All Vessel	List any control devices associated with this emission unit: C-599
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-671
25,000 gallon Save All Vessel.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	<0.001	<0.001
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-706	Emission unit name: HCl Storage	List any control devices associated with this emission unit: C-T-68	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emissions Point ID: C-T-68 25,000 gallon HCl Storage			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 2000	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-707	Emission unit name: HCl Storage	List any control devices associated with this emission unit: C-T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emissions Point ID: C-T-68
25,000 gallon HCl Storage

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “continuous” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-725	Emission unit name: Wet Product Storage	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-725
 13,000 gallon Wet Product Storage

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 13,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.54	0.10
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	0.14	0.026
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/ recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-90	Emission unit name: Dryer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
232 sq. ft. Dryer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 232 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-349	Emission unit name: HCI Absorber	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
HCI Absorber

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 427 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-11	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-11
 Vacuum Jet, 300 lbs/water, 25 lbs/hr air

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 lbs/water, 25 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-15	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-15
 Vacuum Jet with 1,378 #/hr steam, 70 #/hr inerts, and 70 #/hr HCl

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,378 #/hr steam, 70 #/hr inerts, and 70 #/hr HCl

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-20	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-20
 Vacuum Jet, 300 lbs/water, 24 lbs/hr air

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 lbs/water, 24 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-30	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-30
 Vacuum Jet with 325 #/hr steam and 20 #/hr inerts

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date:	Installation date: 1969	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 325 #/hr steam and 20 #/hr inerts

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-71	Emission unit name: Vacuum Pump	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
710 lb/hr HCl at 2.1 psia

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date:	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 710 lb/hr HCl at 2.1 psia

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OP-3	Emission unit name: Filter	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
135 sq. ft., Filter

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2007	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 135 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-25	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
2,000 gallon Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-44	Emission unit name: Distillation Tower	List any control devices associated with this emission unit: 1999
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
14 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date:	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-46	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
2,000 gallon Distillation Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2012	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-47	Emission unit name: Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
2,000 gallon Reaction Completion

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-13	Emission unit name: Washer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
14 Contact Stages, 26 ft. tall Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 14 Contact Stages, 26 ft. tall

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-35	Emission unit name: HCl Scrubber	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Vacuum Pump, 21 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 21 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-58	Emission unit name: HCl Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
HCl Scrub Tower, 21 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 21 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-62	Emission unit name: HCl Absorber	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Pointe ID: C-T-68
HCl Absorber, 5 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TX-1	Emission unit name: Distillation Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: OJ-15 or OJ-30
Distillation Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2012	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-71	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
5,000 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-72	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
5,000 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-88	Emission unit name: Filter Feed Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-88 140 gallon, Filter Feed Tank			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 2001	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 140 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.01	0.06
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	0.004	0.02
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-237	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
5,000 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-238	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
5,000 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-273	Emission unit name: BEPD Feed Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-273 12,500 gallon BEPD Feed Tank			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 2012	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-276	Emission unit name: Washer	List any control devices associated with this emission unit: T-50	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-T-50 6,000 gallon, Washer			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1975	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-277	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
6,000 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-368	Emission unit name: Save All Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-368 25,000 Save All Tank			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 2001	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 16 days	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <u> X </u> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	<0.001	<0.001
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-631	Emission unit name: Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
7,500 gallon Reaction Completion

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 7,500 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-675	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-675
 25,000 gallon Day Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.03	0.15
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	0.002	0.01
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-676	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-676 25,000 gallon Day Tank			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1995	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	0.002	0.01
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-702	Emission unit name: Washer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Pointe ID: C-702
5,000 gallon Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 22 days
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	1.41	0.26
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	0.58	0.11
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-706	Emission unit name: HCl Storage	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-68
HCl Storage, 25,000 gallons

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 2000	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-707	Emission unit name: HCl Storage	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Pointe ID: C-T-68
 HCl Storage, 25,000 gallons

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-709	Emission unit name: Receiver	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-J-15/30
600 gallon Receiver

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1999	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 600 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-724	Emission unit name: Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
13,500 gallon Reaction Completion

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 13,500 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Bis Phosphates" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility develop emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: C-R-50	Emission unit name: Digester	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Digester, 25 gpm, 500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2004	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25 gpm, 500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

___ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? ___Yes ___No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-037	Emission unit name: Dehydrator	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-J-12
Dehydrator, <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-280	Emission unit name: Dehydrator	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-53
 Dehydrator, <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-12	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-12
 Vacuum Jet, 300 #/hr water vapor, 25 #/hr inerts, & 1,068 #/hr steam

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1998	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 #/hr water vapor, 25 #/hr inerts, & 1,068 #/hr steam

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description			
Emission unit ID number: OJ-53	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-J-53 Vacuum Jet 300 #/hr water vapor, 25 #/hr inerts, 1,068 #/hr steam			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1998	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 #/hr water vapor 25 #/hr inerts & 1,068 #/hr steam			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-20	Emission unit name: Reactor	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): N/A

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-28	Emission unit name: Reactor	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): N/A

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-50	Emission unit name: Scrubber	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Scrubber, 1 gpm: liquor flow rate

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1 gpm: liquor flow rate

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "continuous" subunit [45CSR13, R13-2438, 4.1.11.2]. Additionally, Scrubber ID has additional controls as listed [45CSR13, R13-2438, 4.1.6.]. The scrubber has a minimum liquor flow rate of 1 gallon per minute and had a VOC/VOC-HAPs control efficiency of 99.0%.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-71	Emission unit name: Wash Tank	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Wash Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: N/A	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons):
N/A

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-72	Emission unit name: Wash Tank	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Wash Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons):
N/A

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-81	Emission unit name: Dehydrator Feed Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-81
Dehydrator Feed Tank <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1956	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-83	Emission unit name: Dehydrator Feed Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-83
Dehydrator Feed Tank. <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1956	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-94	Emission unit name: Dehydrator Feed Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-94
 Dehydrator Feed Tank <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1956	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-100	Emission unit name: Check/Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-100
 Check/Day Tank <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 36 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	1.09	0.47
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-101	Emission unit name: Check/Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-101
 Check/Day Tank <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 36 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	1.09	0.47
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-174	Emission unit name: Filter Feed Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-174
Filter Feed Tank, 500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-215	Emission unit name: Check/Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-215
 Check/Day Tank, <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: ~1963	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 36 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	2.46	1.05
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-216	Emission unit name: Check/Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-216
Check/Day Tank, <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: ~1963	Modification date(s): 36 days
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	1.09	0.47
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-365	Emission unit name: Save All Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-365
Save All Tank <39,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <39,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-564	Emission unit name: Pre-Wash Tank	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Pre-Wash Tank, <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-565	Emission unit name: Wash Tank	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Wash Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: N/A	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): N/A

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-566	Emission unit name: Wash Tank	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Wash Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): N/A

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes ___ No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating:	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-567	Emission unit name: Save All Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-567
Save All Tank <39,900 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <39,900 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-569	Emission unit name: Filter Feed Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-569
Filter Feed Tank, 500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-570	Emission unit name: Pre-Wash Tank	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Pre-Wash Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/A	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): N/A

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-577	Emission unit name: Dehydrator Feed Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-577
Dehydrator Feed Tank, <19,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): <19,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "group 2" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-568	Emission unit name: Save All Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-568
 Save All Tank, 25,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 8 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	<0.001	<0.001	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-340	Emission unit name: Distillation Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Distillation Tower, 231 sq. ft.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 2007	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 231 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-349	Emission unit name: HCl Absorber	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 HCl Absorber 427 sq. ft.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 427 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-15	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-15
 Vacuum Jet: 1,378 #/hr steam, 70 #/hr inerts, 70 #/hr HCl

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1960	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,378 #/hr steam, 70 #/hr inerts
 70 #/hr HCl

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-30	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-30
 Vacuum Jet: 325 #/hr steam & 20 #/hr inerts

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1969	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons):
 325 #/hr steam
 20 #/hr inerts

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-69	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-69
 Vacuum Jet, 40 lbs/water & 20 lbs/hr air

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 40 lbs/water & 20 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OP-56	Emission unit name: Filter	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Filter, 135 sq. ft.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1998	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 135 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-42 / V-42	Emission unit name: Reactor System / Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID:
 N/A

 Reactor System / Reaction Completion

 2,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 2002	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons):
 2,800 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

 N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-43 / V-43	Emission unit name: Reactor System / Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor System / Reaction Completion
 1,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 2002	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-35	Emission unit name: HCl Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 HCl Scrub Tower 21 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 2001	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 21 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-58	Emission unit name: HCl Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 HCl Scrub Tower 21 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 21 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-62	Emission unit name: HCl Absorber	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-T-68
 HCl Absorber 5 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-57	Emission unit name: Washer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-57
 Washer Feed, 7,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2002	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 7,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 8 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.51	0.05	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.49	0.04	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-63	Emission unit name: Dryer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID:
Dryer Feed, 12,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2002	Modification date(s): 8 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.49	0.04	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.48	0.04	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-106	Emission unit name: Dryer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Dryer 2,300 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2002	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,300 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-276	Emission unit name: Washer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Washer Feed, 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1975	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-277	Emission unit name: Washer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-T-50
Washer, 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1975	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "naturals" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-571	Emission unit name: Filter Feed Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-571
Filter Feed Tank 4,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1998	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 4,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.54	0.10
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	0.010	0.002
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-706	Emission unit name: HCl Storage	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-T-68
 HCl Storage 25,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "naturals" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-707	Emission unit name: HCl Storage	List any control devices associated with this emission unit: T-68
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-T-68
 HCl Storage 25,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-714	Emission unit name: Receiving Vessel	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Receiving Vessel, 1,000 gal

Manufacturer:	Model number:	Serial number:
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Construction date:	Installation date: 2002	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "naturals" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-724	Emission unit name: Reaction Completion	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

Emission Point ID: N/A

Reaction Completion

13,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1996	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons):

13,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the “naturals” subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-91	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-91
 Tank 8,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-92	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-92
 Tank, 8,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-93	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-93
Tank 8,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-97	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-97
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-98	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-98
Tank, 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-212	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-212
Tank, 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-562	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-562
 Tank, 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-563	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-563
Tank 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-574	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-574
Tank 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-575	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-575
 Tank, 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-576	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-576
 Tank, 8,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1980	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-668	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-668
 Tank, 25,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-669	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-669
Tank 25,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: C-670	Emission unit name: Save All Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-670
 25,000 gallon Save All Tank

Manufacturer:	Model number:	Serial number:
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Construction date:	Installation date: 1992	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: HE-338	Emission unit name: Dryer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
139 sq. ft. Dryer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1988	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 139 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-29	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-J-29
 20 lbs/hr air, Vacuum Jet

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1972	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 20 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

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For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-32	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: H-J-32 20 lbs/hr air, Vacuum Jet			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1972	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 20 lbs/hr air			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

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For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-36	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-J-36
 40 lbs/water, 20lbs/hr air, Vacuum Jet

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 40 lbs/water, 20lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

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For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-57	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point IF: C-J-57
 300 lbs water, 25 lbs/hr air, Vacuum Jet

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 lbs water, 25 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

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For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OP-58	Emission unit name: Filter Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point IF: C-89
 125 gallon, Filter Feed

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 lbs water, 25 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OP-187	Emission unit name: Filter	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
6 sq. ft., Filter

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-34	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
2,000 gallon, Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-36	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
500 gallon Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date:	Installation date: 1988	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 500 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-37	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
500 gallon Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1988	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 500 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-38	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
500 gallon Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 500 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-39	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
500 gallon, Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 500 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-1	Emission unit name: Drying Tower	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): 20 ft. packing			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1986	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 20 ft. packing			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-19	Emission unit name: Distillation Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
6 ft. packing, Distillation Feed

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1991	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-50	Emission unit name: Scrubber	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-T-50
 1 gpm: liquor flow rate

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: N/a	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1 gpm: liquor flow rate

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2]. Additionally, Scrubber ID has additional controls as listed [45CSR13, R13-2438, 4.1.6.]. The scrubber has a minimum liquor flow rate of 1 gallon per minute and had a VOC/VOC-HAPs control efficiency of 99.0%.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-52	Emission unit name: Distillation Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Distillation Tower

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1969	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1270 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-77	Emission unit name: HCl Absorber	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): 6 ft. packing, HCl Absorber			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 2002	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6 ft. packing			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-37	Emission unit name: NaOH	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): 6,000 gallon NaOH			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1992	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-44	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
2,800 gallon Reactor

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1956	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,800 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-56	Emission unit name: K O Pot	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-56 600 gallon, K O Pot			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1956	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 600 gallon			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-80	Emission unit name: Dryer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-80
8,000 gallon Dryer Feed

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.12	0.53
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-84	Emission unit name: Dryer Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-84
8,000 gallon Dryer Feed

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.12	0.53
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-89	Emission unit name: Filter Feed	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point IF: C-89
 125 gallon, Filter Feed

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 lbs water, 25 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.06	0.26
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-287	Emission unit name: Separator	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

Emission Point ID: H-287
420 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1983	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 420 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.06	0.25
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-158	Emission unit name: Seperator	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
250 gallon Seperator

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1986	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 250 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-175	Emission unit name: K O Pot	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
1400 gallon K O Pot

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1956	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1400 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-183	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-183
6,000 gallons

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-184	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-184 6,000 gallons			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1960	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallon			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-185	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: C-185 6,000 gallons			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1960	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gallon			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-237	Emission unit name: Washer	List any control devices associated with this emission unit: T-50
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-T-50
 5,000 gallon Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1966	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-287	Emission unit name: Separator	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

Emission Point ID: H-287
420 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1983	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 420 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.004	0.02
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-298	Emission unit name: O. H. Receiver	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
100 gallon, O.H. Receiver

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1977	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-302	Emission unit name: Washer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

Emission Point ID: H-302
470 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1997	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 470 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.004	0.02
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-303	Emission unit name: Washer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):

Emission Point ID: H-303
470 gallon, Washer

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1997	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 470 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-305	Emission unit name: Buffer Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
2000 gallon, Buffer Tank

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1970	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2000 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-306	Emission unit name: Distillation Feed	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: H-306 1270 gallon, Distillation Feed			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1969	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1270 gallons			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners: N/A	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.23	1.02
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-557	Emission unit name: Buffer Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
5,000 gallons

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 20 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-560	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-560
10,000 gallons

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-561	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-561
10,000 gallons

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-619	Emission unit name: O. H. Receiver	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
300 gallon, O.H. Receiver

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1983	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-634	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-634
 16,900 gallons

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1985	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 16,900 gallon

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.08	0.34
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-715	Emission unit name: HCl Storage	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
750 gallon, HCl Storage

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1991	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 750 gallons

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: B/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit IV/TBEP" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-37	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-37
Tank 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
Construction date: N/A	Installation date: 1987	Modification date(s): N/A

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

___ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? ___Yes ___No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-558	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-558
Tank, 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2007	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 7 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.07	0.01
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	5.59	0.45
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-559	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: C-559
Tank 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2007	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 7 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: NA

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	0.07	0.01
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	5.59	0.45
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-4	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Tank, 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1985	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	7.33	2.78
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	6.99	2.02
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

____ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? ___Yes ___No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-5	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Tank, 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1985	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	7.33	2.78
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Phenol	6.99	2.02
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "V-200" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-200	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor, 22,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: Pre 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "V-200" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-344	Emission unit name: Knock Out	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Knock Out, 1,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit I/IV Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "V-200" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-39	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-39
 Vacuum Jet, 290 #/hr steam & 20 #/hr inerts

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 290 #/hr steam & 20 #/hr inerts

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "DOAPP" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-13	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "DOAPP" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-40	Emission unit name: Tank	List any control devices associated with this emission unit: T-76
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "EO Scrubber" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-746	Emission unit name: Completion Reactor	List any control devices associated with this emission unit: T-76
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Completion Reactor, 11,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 11,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "EO Scrubber" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-747	Emission unit name: Completion Reactor	List any control devices associated with this emission unit: T-76
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Completion Reactor, 2,600 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,600 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "EO Scrubber" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-25	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-25
 Vacuum Jet, 25 #/hr water & 25 #/hr air

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: Pre 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25 #/hr water & 25 #/hr water

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-52	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-52
 Vacuum Jet, 20 #/hr air

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1985	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 20 #/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-56	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-56
 Vacuum Jet, 20 #/hr air

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1985	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 20 #/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OP-89	Emission unit name: Filter	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Filter, 76 sq. ft.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1991	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 76 sq. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-9	Emission unit name: Reactor	List any control devices associated with this emission unit: T-55
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor, 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-33	Emission unit name: Washer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-33
 Washer 4,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1979	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 4,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-55	Emission unit name: Scrubber	List any control devices associated with this emission unit: T-55
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Scrubber, 6 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1992	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-6	Emission unit name: Tank	List any control devices associated with this emission unit: T-60
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank, 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2019	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-323	Emission unit name: Separator	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-323
 Separator, 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1971	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule: 6 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.50	0.03	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R9" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-324	Emission unit name: Separator	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-324
 Separator 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1971	Modification date(s): 6 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.50	0.03	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-333	Emission unit name: Save All Tank	List any control devices associated with this emission unit: N/A
--	---	--

Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-333
 Save All Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): 6 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	<0.001	<0.001	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-334	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
--	--	--

Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-334
 Tank, 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
--------------------------	--------------------------	---------------------------

Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 5 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.71	0.10	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-335	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-335
 Tank, 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): 6 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.58	0.10	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-359	Emission unit name: Tank	List any control devices associated with this emission unit: T-60
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank, 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1979	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-372	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-372
 Tank, 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): 5 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.71	0.10	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-374	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-374
 Tank, 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): 5 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.71	0.10	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-376	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-376
 Tank, 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
--------------------------	--------------------------	---------------------------

Construction date: N/A	Installation date: 1975	Modification date(s): 5 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.71	0.10	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-548	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-548
 Tank, 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): 6 days/yr
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.58	0.10	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-621	Emission unit name: Dryer	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Dryer, 5,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
--------------------------	--------------------------	---------------------------

Construction date: N/A	Installation date: 1984	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-687	Emission unit name: Tank	List any control devices associated with this emission unit: T-60
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank, 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-690	Emission unit name: Tank	List any control devices associated with this emission unit: T-60
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank, 2,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1989	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "R-9" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OM-251	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-M-251
 Tank, 100 cu. ft.

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1986	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100 cu. ft.

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "SBP" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-11	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-11
 Reactor: 1,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1967	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "SBP" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-256	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-256
 Tank 1,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1984	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.12.2] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "SBP" subunit [45CSR13, R13-2438, 4.1.12.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-38	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
--	--	--

Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-38
 Vacuum Jet, 290 #/hr steam & 20 #/hr inerts

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973/1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 290 #/hr steam & 20 #/hr inerts

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol PNX" subunit [45CSR13, R13-2438, 4.1.11.2].

____ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? ___ Yes ___ No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-39	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-39
 Vacuum Jet, 290 #/hr steam & 20 #/hr inerts

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973/1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 290 #/hr steam & 20 #/hr inerts

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol PNX" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-12	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol PNX" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-13	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor, 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol PNX" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-35	Emission unit name: Reactor System	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor System, 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol PNX" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-260	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-260
 Tank, 12,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1967	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol PNX" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-262	Emission unit name: Reactor Dump Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-262
 Reactor Dump Tank, 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
--------------------------	--------------------------	---------------------------

Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol PNX" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-56	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-56
 Vacuum Jet, 20 lbs/hr air

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1985	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 20 lbs/hr air

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___ Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-12	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor, 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-23	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor, 2,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-75	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-75
 Tank, 1,800 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1979	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,800 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.01	0.03	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-263	Emission unit name: Tank	List any control devices associated with this emission unit: T-60
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank, 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-316	Emission unit name: Receiver Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-316
 Receiver Tank, 500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-375	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-375
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 3 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.34	0.05	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-377	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
--	--	--

Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-377
 Tank, 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 3 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.34	0.05	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Fyrol 6" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-38	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-38
 Vacuum Jet, 290 #/hr steam & 20 #/hr inerts

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973/1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 290 #/hr steam & 20 #/hr inerts

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Victawet 12" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OJ-39	Emission unit name: Vacuum Jet	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-J-39
 Vacuum Jet, 290 #/hr steam & 20 #/hr inerts

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973/1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 290 #/hr steam & 20 #/hr inerts

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Victawet 12" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-12	Emission unit name: Completion Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Completion Reactor 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Victawet 12" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-13	Emission unit name: Completion Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Completion Reactor, 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
--------------------------	--------------------------	---------------------------

Construction date: N/A	Installation date: 1968	Modification date(s): N/A
-------------------------------	--------------------------------	----------------------------------

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Victawet 12" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-259	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-259
 Tank 12,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1967	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

___ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? ___ Yes ___ No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-261	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-261
 Tank 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-263	Emission unit name: Tank	List any control devices associated with this emission unit: T-60
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-334	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-334
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-335	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-335
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-372	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-372
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-373	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-373
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-374	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-374
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
--------------------------	--------------------------	---------------------------

Construction date: N/A	Installation date: 1975	Modification date(s): N/A
-------------------------------	--------------------------------	----------------------------------

Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-375	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-375
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-376	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-376
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-377	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-377
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-548	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-548
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1979	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-629	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: R-629
Tank 12,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-666	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-666
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit II Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.11.1] apply to this unit. Likewise the Production Unit II Subunit Material Limitations are also pertinent. Specifically, the material restrictions, listed under the "Unit II Logistics" subunit [45CSR13, R13-2438, 4.1.11.2].

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-41	Emission unit name: Reactor 41	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor 4,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 4,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)			
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-20A	Emission unit name: Distillation Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Distillation Tower 23 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2001	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 23 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-20B	Emission unit name: Distillation Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Distillation Tower 23 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2007	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 23 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-23	Emission unit name: Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Scrub Tower 18 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 18 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating:	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-24	Emission unit name: Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Scrub Tower 12 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-40	Emission unit name: Scrub Tower	List any control devices associated with this emission unit: T-41
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: M-T-41
 Scrub Tower 15 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2008	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-391	Emission unit name: P4 Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 P4 Tank 25,380 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,380 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4].

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-393	Emission unit name: Water Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Water Tank 76,530 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2008	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 76,530 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields) NA

Does this emission unit combust fuel? ___ Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: NA
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		V-393 is not an emission point.	
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-401	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Tank, 365 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 365 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-402	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: M-T-41
 Tank 3,600 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,600 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit I/IV Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-403	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Tank 3,600 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2007	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,600 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-404	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 3,600 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,600 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-405	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 33,840 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 33,840 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 365 days/yr
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-31	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor 2,900 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,900 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-22	Emission unit name: Distillation Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 30 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 30 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-23	Emission unit name: Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Scrub Tower 18 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 18 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-24	Emission unit name: Scrub Tower	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
12 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: T-40	Emission unit name: Scrub Tower	List any control devices associated with this emission unit: T-41
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: M-T-41
 Scrub Tower 15 ft. packing

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2008	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15 ft. packing

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-352	Emission unit name: Storage Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
PCl ₃	0.02	0.01	
POCl ₃	20.1	10.5	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-363	Emission unit name: Storage Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-406	Emission unit name: Stripper	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Stripper 280 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 280 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-407	Emission unit name: Stripper	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Stripper 30 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 30 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-408	Emission unit name: Tank Receiver	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Receiver 82 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 82 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-410	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 3,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-411	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 3,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-412	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 3,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-413	Emission unit name: Storage Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-442	Emission unit name: Storage Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Storage Tank 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1986	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating:	Type and Btu/hr rating of burners:
--	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-352	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-363	Emission unit name: Storage Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-387	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 30,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1976	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 30,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	<0.001	0.001	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Ethylene Oxide	<0.001	0.001	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-388	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 30,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1976	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 30,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	<0.001	0.001	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-389	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 30,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1976	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 30,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	<0.001	0.001	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Propylene Oxide	<0.001	0.001	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-402	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
Emission Point ID: N/A
Tank 3,600 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1976	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,600 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-403	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 3,600 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2007	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,600 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-404	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 3,600 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,600 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-405	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank 33,840 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 33,840 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-410	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 3,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-411	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 3,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-412	Emission unit name: Day Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Day Tank 3,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 3,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-413	Emission unit name: Storage Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Storage Tank 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-442	Emission unit name: Storage Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Storage Tank 24,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1986	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 24,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Production Unit III Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.13.2] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Compliance with the annual material restrictions is demonstrated by daily monitoring and recordkeeping of the material produced and the amount or batches produced in each subunit [45SCR13, R13-2438, 4.2.4]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: Drums	Emission unit name: Drums	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: K-DR
 Drums 55 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 55 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-11	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-11
 Reactor 1,000 gal

Manufacturer:	Model number:	Serial number:
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Construction date:	Installation date: 1967	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,000 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating:	Type and Btu/hr rating of burners:
--	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)			
Nitrogen Oxides (NO _x)			
Lead (Pb)			
Particulate Matter (PM _{2.5})			
Particulate Matter (PM ₁₀)			
Total Particulate Matter (TSP)			
Sulfur Dioxide (SO ₂)			
Volatile Organic Compounds (VOC)			
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

___ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? ___Yes ___No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-12	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-12
 Reactor 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1967	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes ___ <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-13	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-13
 Reactor 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1967	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-15	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-15
 Reactor 1,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1967	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-22	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-22
 Reactor 2,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1972	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 2,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-23	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-23
 Reactor 4,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1978	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 4,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-33	Emission unit name: Reactor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: R-R-33
 Reactor 4,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1983	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 4,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: Totes	Emission unit name: Totes	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: K-T
 Totes 275 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1967	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 275 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-168	Emission unit name: Mix Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-168
 Mix Tank 5,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-343	Emission unit name: Mix Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-343
 Mix Tank 5,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-345	Emission unit name: Mix Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-345
 Mix Tank 5,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-346	Emission unit name: Mix Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-346
 Mix Tank, 5,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)		
Volatile Organic Compounds (VOC)		
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-613	Emission unit name: Mix Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-613
 Mix Tank 5,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1982	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: B-5A	Emission unit name: Boiler	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-B-5A
 Boiler 122 mmBtu/hr

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1998	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 121.9 mmBtu/hr

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input checked="" type="checkbox"/> Direct Fired
--	---

Maximum design heat input and/or maximum horsepower rating: 47,866 hp	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Natural Gas

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural Gas	N/A	N/A	1,050

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	7.68	33.65
Nitrogen Oxides (NO _x)	9.18	40.2
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	0.91	4.00
Total Particulate Matter (TSP)	0.91	4.00
Sulfur Dioxide (SO ₂)	0.07	0.32
Volatile Organic Compounds (VOC)	0.61	2.67
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

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Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: B-6	Emission unit name: Boiler	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-B-6
 Boiler 93.7 mmBtu/hr

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1977	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 93.7 mmBtu/hr

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
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Maximum design heat input and/or maximum horsepower rating: 36,793	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Natural Gas

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural Gas	N/A	N/A	1,050

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	7.68	33.65	
Nitrogen Oxides (NO _x)	9.18	40.22	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	0.68	2.97	
Sulfur Dioxide (SO ₂)	0.06	0.25	
Volatile Organic Compounds (VOC)	0.47	2.05	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
CO ₂	10,709	46,903	
CH ₄	0.20	0.86	
N ₂ O	0.21	0.90	
CO ₂ e	10,775	47,193	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: C-120	Emission unit name: Air Compressor	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-C-120
 Air Compressor 128 hp

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 128 hp

Maximum Hourly Throughput: 14.16 gallons per hour Diesel fuel	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Diesel Fuel

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Diesel Fuel	N/A	N/A	19,300 BTU/lb

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	1.74	0.43	
Nitrogen Oxides (NO _x)	8.06	2.01	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	0.57	0.14	
Total Particulate Matter (TSP)	0.57	0.14	
Sulfur Dioxide (SO ₂)	0.53	0.13	
Volatile Organic Compounds (VOC)	0.66	0.16	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: C-209	Emission unit name: Diesel Engine	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: E-C-209
 Diesel Engine 78 hp

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 78 hp

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 78 hp	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

 Diesel Fuel

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Diesel Fuel	N/A	N/A	19,300 BTU/lb

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0.40	0.10
Nitrogen Oxides (NO _x)	1.85	0.46
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	0.13	0.03
Total Particulate Matter (TSP)	0.13	0.03
Sulfur Dioxide (SO ₂)	0.12	0.03
Volatile Organic Compounds (VOC)	0.15	0.04
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: F-5	Emission unit name: Heater	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-F-5
 Heater 8.2 mmBtu/hr

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 8.2 mmBtu/hr

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 8.2 mmBtu/hr	Type and Btu/hr rating of burners: N/A
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

 Natural Gas

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural Gas	N/A	N/A	1,050 BTU/scf

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	0.67	2.95	
Nitrogen Oxides (NO _x)	0.80	3.52	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	0.06	0.26	
Sulfur Dioxide (SO ₂)	0.005	0.02	
Volatile Organic Compounds (VOC)	0.04	0.18	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
CO ₂	937.14	4,141	
CH ₄	0.02	0.08	
N ₂ O	0.02	0.08	
CO ₂ e	943	4,130	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: F-6	Emission unit name: Heater	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-F-6
 Heater 6.4 mmBtu/hr

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1969	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6.4 mmBtu/hr

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 6.4 mmBtu/hr	Type and Btu/hr rating of burners: N/A
--	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 Natural Gas

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural Gas	N/A	N/A	1,050 BTU/scf

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	0.52	2.30	
Nitrogen Oxides (NO _x)	0.63	2.75	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	0.05	0.20	
Sulfur Dioxide (SO ₂)	0.004	0.02	
Volatile Organic Compounds (VOC)	0.03	0.14	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
CO ₂	731.43	3,203.66	
CH ₄	0.01	0.06	
N ₂ O	0.01	0.06	
CO ₂ e	735.94	3,223	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: F-7	Emission unit name: Heater	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-F-7
 Heater 0.75 mmBtu/hr

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1976	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 0.75 mmBtu/hr

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 0.75 mmBtu/hr	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Natural Gas

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural Gas	N/A	N/A	1,050 Btu/scf

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0.06	0.27
Nitrogen Oxides (NO _x)	0.04	0.32
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	0.01	0.02
Sulfur Dioxide (SO ₂)	<0.001	0.002
Volatile Organic Compounds (VOC)	0.004	0.02
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
CO ₂	85.71	375.43
CH ₄	0.002	0.007
N ₂ O	0.002	0.007
CO ₂ e	86.24	377.74
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: F-8	Emission unit name: Heater	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-F-8
 Heater 0.75 mmBtu/hr

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1976	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 0.75 mmBtu/hr

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 0.75 mmBtu/hr	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 Natural Gas

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural Gas	N/A	N/A	1,050 BTU/scf

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	0.06	0.27	
Nitrogen Oxides (NO _x)	0.07	0.32	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	0.01	0.02	
Sulfur Dioxide (SO ₂)	<0.001	0.002	
Volatile Organic Compounds (VOC)	0.004	0.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
CO ₂	85.71	375.43	
CH ₄	0.002	0.007	
N ₂ O	0.002	0.007	
CO ₂ e	86.24	377.74	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OM-183	Emission unit name: Diesel Engine	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: D-O-183
 Diesel Engine 375 hp

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1978	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 375 hp

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 375 hp	Type and Btu/hr rating of burners:
--	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Diesel Fuel

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Diesel Fuel	N/A	N/A	19,300 BTU/lb

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	2.34	0.58
Nitrogen Oxides (NO _x)	10.85	2.71
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	0.77	0.19
Total Particulate Matter (TSP)	0.77	0.19
Sulfur Dioxide (SO ₂)	0.72	0.18
Volatile Organic Compounds (VOC)	0.88	0.22
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OM-184	Emission unit name: Diesel Engine	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: D-O-184
 Diesel Engine 375 hp

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1978	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 375 hp

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 375 hp	Type and Btu/hr rating of burners: N/A
--	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 Diesel Fuel

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Diesel Fuel	N/A	N/A	19,300 BTU/lb

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	2.34	0.58
Nitrogen Oxides (NO _x)	10.85	2.71
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	0.77	0.19
Total Particulate Matter (TSP)	0.77	0.19
Sulfur Dioxide (SO ₂)	0.72	0.18
Volatile Organic Compounds (VOC)	0.88	0.22
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

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Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OM-231	Emission unit name: Diesel Engine	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-O-231
 Diesel Engine 368.8 hp

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 368.8 hp

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 368.8 hp	Type and Btu/hr rating of burners: N/A
--	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Diesel Fuel

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Diesel Fuel	N/A	N/A	19,300 BTU/lb

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	2.47	0.62
Nitrogen Oxides (NO _x)	11.47	2.87
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	0.81	0.20
Total Particulate Matter (TSP)	0.81	0.20
Sulfur Dioxide (SO ₂)	0.76	0.19
Volatile Organic Compounds (VOC)	0.93	0.23
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

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Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: OM-296	Emission unit name: Diesel Engine	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: P-O-296
 Diesel Engine 368.8 hp

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1988	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 368.8 hp

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 500 hours/year
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: 368.8 hp	Type and Btu/hr rating of burners: N/A
--	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Diesel Fuel

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Diesel Fuel	N/A	N/A	19,300 BTU/lb

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	2.47	0.62	
Nitrogen Oxides (NO _x)	11.47	2.87	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	0.81	0.20	
Total Particulate Matter (TSP)	0.81	0.20	
Sulfur Dioxide (SO ₂)	0.76	0.19	
Volatile Organic Compounds (VOC)	0.93	0.23	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

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Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? ___ Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: P-434	Emission unit name: Diesel Engine	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-P-434
 Diesel Engine 190 hp

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1976	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 190 hp

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: 500 hours/year
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 Diesel Fuel

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Diesel Fuel	N/A	N/A	19,300 BTU/lb

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	1.27	0.32
Nitrogen Oxides (NO _x)	5.89	1.47
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	0.42	0.10
Total Particulate Matter (TSP)	0.42	0.10
Sulfur Dioxide (SO ₂)	0.39	0.10
Volatile Organic Compounds (VOC)	0.48	0.12
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Combustion Sources Limitations and Standards [45CSR13, R13-2438, 4.1.18] apply to this unit.

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Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-9	Emission unit name: Reactor Jacket	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor Jacket 300 gal

Manufacturer:	Model number:	Serial number:
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Construction date:	Installation date: 1986	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 gal

Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating Schedule:
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating:	Type and Btu/hr rating of burners:
--	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)			
Nitrogen Oxides (NO _x)			
Lead (Pb)			
Particulate Matter (PM _{2.5})			
Particulate Matter (PM ₁₀)			
Total Particulate Matter (TSP)			
Sulfur Dioxide (SO ₂)			
Volatile Organic Compounds (VOC)			
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

____ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Are you in compliance with all applicable requirements for this emission unit? ___Yes ___No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-20	Emission unit name: Reactor Jacket	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor Jacket 300 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-25	Emission unit name: Reactor Jacket	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor Jacket 300 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1981	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.
 N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: R-28	Emission unit name: Reactor Jacket	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Reactor Jacket 300 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 300 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description			
Emission unit ID number: V-114	Emission unit name: Expansion Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: R-114 Expansion Tank 1,720 gal			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1989	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 1,720 gal			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners:	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-159	Emission unit name: Expansion Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-159
 Expansion Tank 100 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: Pre 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes ___ <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-160	Emission unit name: Expansion Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-160
 Expansion Tank 100 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: Pre 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-744	Emission unit name: Expansion Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-744
 Expansion Tank 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-748	Emission unit name: Expansion Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-748
 Expansion Tank 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-749	Emission unit name: Expansion Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-749
 Expansion Tank 6,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 6,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-753	Emission unit name: Expansion Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: C-753
 Expansion Tank 100 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-294	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: H-294
 Tank 16,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 16,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Other Logistics Limitations and Standards [45CSR13, R13-2438, 4.1.15] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: WWTU	Emission unit name: Wastewater Treatment Unit	List any control devices associated with this emission unit: Chemical Digester
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: P-662 (Various Fugitive)
 Wastewater Treatment Unit 600 gpm

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 600 gpm

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes ___ <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	N/A	N/A
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
	N/A	N/A
Regulated Pollutants other than Criteria and HAP	Potential Emissions	
	PPH	TPY
	N/A	N/A
	N/A	N/A
	N/A	N/A
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).		

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Waterwater Treatment Limitation and Standards [45SCR13, R13-2438, 4.1.17] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TC 3-11	Emission unit name: Tank Car Spot 3-11	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Car Spot 3-11 15,500 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,500 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TC 5-11	Emission unit name: Tank Car Spot 5-11	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Car Spot 5-11 15,500 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,500 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes ___X No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: DF-I	Emission unit name: Unit I Drumming	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Unit I Drumming 44,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1990	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 44,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
	N/A	N/A	
	N/A	N/A	
	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: DF-II	Emission unit name: Unit II Drumming	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Unit II Drumming 44,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1991	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 44,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	7.56	0.45	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: DT-Center	Emission unit name: Drum/Tote Filling Center	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Drum/Tote Filling Center 44,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 44,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.75	0.45	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: DT-East	Emission unit name: Drum/Tote Filling East	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Drum/Tote Filling East 44,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 44,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.75	0.82	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: DT-West	Emission unit name: Drum/Tote Filling West	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Drum/Tote Filling West 44,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1996	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 44,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.75	0.82	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: RC-1	Emission unit name: Rail Car Spot 1	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Rail Car Spot 1 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description			
Emission unit ID number: RC-2	Emission unit name: Rail Car Spot 2	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: N/A Rail Car Spot 2 22,000 gal/day			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1960	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners:	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
HCl	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: RC-3	Emission unit name: Rail Car Spot 3	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Rail Car Spot 3 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: RC-4	Emission unit name: Rail Car Spot 4	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Rail Car Spot 4 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
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Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: RC-5	Emission unit name: Rail Car Spot 5	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Rail Car Spot 5, 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: RC-6	Emission unit name: Rail Car Spot 6	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Rail Car Spot 6 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: RC-7	Emission unit name: Rail Car Spot 7	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Rail Car Spot 7 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TC 3-9	Emission unit name: Tank Car Spot 3-9	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Car Spot 3-9 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
PCl ₃	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TC 5-9	Emission unit name: Tank Car Spot 5-9	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Car Spot 5-9 15,500 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1975	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,500 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
PCl ₃	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TR-East	Emission unit name: Main Truck Rack East	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Main Truck Ramp East 44,100 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1983	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 44,100 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TR-West	Emission unit name: Main Truck Rack West	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Main Truck Rack West 44,100 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1983	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 44,100 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-2	Emission unit name: Tank Truck Spot 2	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 2 11,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1979	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 11,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-3	Emission unit name: Tank Truck Spot 3	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 3 5,500 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,500 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-4	Emission unit name: Tank Truck Spot 4	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 4 5,500 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,500 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-5	Emission unit name: Tank Truck Spot 5	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 5 5,500 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1960	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 5,500 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-8	Emission unit name: Tank Truck Spot 8	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 8 11,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 11,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u> X </u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-9	Emission unit name: Tank Truck Spot 9	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 9 7,200 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1974	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 7,200 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-16	Emission unit name: Tank Truck Spot 16	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 16, 15,400 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2000	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,400 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
PCl ₃	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: TT-17	Emission unit name: Tank Truck Spot 17	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: N/A
 Tank Truck Spot 17 22,000 gal/day

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1995	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal/day

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
HCl	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-1	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
--	--	--

Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-1
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	6.21	2.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	6.21	2.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-2	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-2
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	6.21	2.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	6.21	2.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-3	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-3
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	6.21	2.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	6.21	2.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-6	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-6
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1956	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-7	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-7
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	4.59	0.85	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-9	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-9
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	6.21	2.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	6.21	2.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-12	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-12
 Tank 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.004	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-15	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-15
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.09	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.06	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-16	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-16
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.09	0.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.06	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

____ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-17	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-17
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-18	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-18
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-19	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-19
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-20	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-20
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-21	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-21
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
-----------------------------	-----------------------------	------------------------------

Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-23	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-23
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1956	Modification date(s):
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.02	0.005	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-24	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-24
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-31	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: T-31
 Tank 10,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1978	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 10,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.004	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-104	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-104
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.04	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCaR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-105	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-105
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1955	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.2	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCaR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-170	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-170
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1982	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCaR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-171	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-171
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1959	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-172	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-172
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1959	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.72	0.28	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-176	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-176
 Tank 12,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1959	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.005	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-180	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-180
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1959	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.09	0.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.06	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-208	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-208
 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1961	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.72	1.28	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-209	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-209
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1961	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.52	0.62	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-210	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-210
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1961	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	2.46	1.05	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-211	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-211
 Tank 25,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1962	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 25,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	3.97	1.12	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Epichlorohydrin	3.97	1.12	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-213	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-213
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
-----------------------------	-----------------------------	------------------------------

Construction date: N/A	Installation date: 1959	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.52	0.62	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-231	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-231
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	8.75	1.62	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-232	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-232
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1966	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-233	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-233
 Tank 12,500 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 12,500 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-234	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-234
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1966	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it? <input type="checkbox"/> Indirect Fired <input type="checkbox"/> Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-236	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-236
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1969	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.52	0.62	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emissions factors [45csr13, r13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-279	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-279
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners: N/A
---	--

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.008	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

____ Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-280	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-280
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1968	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.008	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emission limitations is demonstrated by calculating applicable emissions using facility developed emission factors [45SCR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-290	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-290
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1969	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	4.22	1.80	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45csr13, r13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-291	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-291
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1969	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	4.22	1.80	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45csr13, r13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-308	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-308
 Tank 15,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1970	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 15,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.005	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-339	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-339
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	4.22	1.80	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-340	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-340
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.09	0.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.06	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-341	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-341
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.09	0.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.06	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-342	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-342
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1973	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	1.52	0.62	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-516	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: T-516
 Tank 230,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1977	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 230,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	3.34	0.59	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.17	0.03	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-517	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: T-517
 Tank 230,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1977	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 230,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-518	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: T-518
 Tank 230,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1977	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 230,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	3.34	0.59	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.17	0.03	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-531	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-J-55
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-534	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-J-55
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-539	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-539
 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2007	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.09	0.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.06	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-578	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-578
 Tank 7,900 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1982	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 7,900 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-592	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: T-592
 Tank 22,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 22,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.03	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.02	0.006	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-594	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-594
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	2.4	0.43	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.12	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-595	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-595
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1980	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	2.4	0.43	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.12	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-605	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-605
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1981	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.02	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	<0.001	<0.001	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-610	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-610
 Tank 57,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1982	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 57,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-643	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-643
 Tank 100,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 2006	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 100,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.09	0.02	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.06	0.02	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description			
Emission unit ID number: V-658	Emission unit name: Tank	List any control devices associated with this emission unit: N/A	
Provide a description of the emission unit (type, method of operation, design parameters, etc.): Emission Point ID: P-658 Tank 50,000 gal			
Manufacturer: N/A	Model number: N/A	Serial number: N/A	
Construction date: N/A	Installation date: 1986	Modification date(s): N/A	
Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal			
Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A	
Fuel Usage Data (fill out all applicable fields)			
Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No		If yes, is it? ___ Indirect Fired ___ Direct Fired	
Maximum design heat input and/or maximum horsepower rating: N/A		Type and Btu/hr rating of burners:	
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each. N/A			
Describe each fuel expected to be used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	N/A	N/A	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-666	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-666
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1987	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	4.18	0.14	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-700	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-700
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1990	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
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Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <input checked="" type="checkbox"/> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
--	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
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List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

ATTACHMENT E - Emission Unit Form

Emission Unit Description

Emission unit ID number: V-735	Emission unit name: Tank	List any control devices associated with this emission unit: N/A
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Provide a description of the emission unit (type, method of operation, design parameters, etc.):
 Emission Point ID: B-735
 Tank 50,000 gal

Manufacturer: N/A	Model number: N/A	Serial number: N/A
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Construction date: N/A	Installation date: 1994	Modification date(s): N/A
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Design Capacity (examples: furnaces - tons/hr, tanks - gallons): 50,000 gal

Maximum Hourly Throughput: N/A	Maximum Annual Throughput: N/A	Maximum Operating Schedule: N/A
--	--	---

Fuel Usage Data (fill out all applicable fields)

Does this emission unit combust fuel? ___Yes <u>X</u> No	If yes, is it? ___ Indirect Fired ___ Direct Fired
---	--

Maximum design heat input and/or maximum horsepower rating: N/A	Type and Btu/hr rating of burners:
---	---

List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.

N/A

Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	0.05	0.01	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Phenol	0.03	0.01	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
List the method(s) used to calculate the potential emissions (include dates of any stack tests conducted, versions of software used, source and dates of emission factors, etc.).			

Applicable Requirements

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.

The Distribution Annual Aggregate Emission Limits [45CSR13, R13-2438, 4.1.14.1] apply to this unit.

Permit Shield

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Compliance with the annual aggregate emissions limits is demonstrated by calculating applicable emissions using facility developed emission factors [45CSR13, R13-2438, 4.2.3]

Are you in compliance with all applicable requirements for this emission unit? Yes No

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

Attachment G

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: Chemical Digester	List all emission units associated with this control device. WWTU
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Manufacturer:	Model number:	Installation date: MM/DD/YYYY
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator	<input type="checkbox"/> Dry Plate Electrostatic Precipitator	

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-41	List all emission units associated with this control device. T-40
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Manufacturer:	Model number:	Installation date: MM/DD/1979
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator		<input type="checkbox"/> Dry Plate Electrostatic Precipitator

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
HCl		99.9%

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 13 gal/min
 Design Capacity: 15 ft. packing

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-45	List all emission units associated with this control device. V200, V-344
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Manufacturer:	Model number:	Installation date: MM/DD/1997
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator		<input type="checkbox"/> Dry Plate Electrostatic Precipitator

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
VOCs/Phenol		98.6%

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 1 gal/min
Design Capacity: 10 ft. packing

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number:
T-50

List all emission units associated with this control device.
T-50, V-71, V-72, V-217, V-218, V-237, V-238, V-275, V-276, V-277, V-278, V-451, V-452, C-R-50, V-564, V-565, V-566, V-570

Manufacturer:

Model number:

Installation date:
MM/DD/YYYY

Type of Air Pollution Control Device:

- | | | |
|---|---|---|
| <input type="checkbox"/> Baghouse/Fabric Filter | <input type="checkbox"/> Venturi Scrubber | <input type="checkbox"/> Multiclone |
| <input type="checkbox"/> Carbon Bed Adsorber | <input type="checkbox"/> Packed Tower Scrubber | <input type="checkbox"/> Single Cyclone |
| <input type="checkbox"/> Carbon Drum(s) | <input type="checkbox"/> Other Wet Scrubber | <input type="checkbox"/> Cyclone Bank |
| <input type="checkbox"/> Catalytic Incinerator | <input type="checkbox"/> Condenser | <input type="checkbox"/> Settling Chamber |
| <input type="checkbox"/> Thermal Incinerator | <input type="checkbox"/> Flare | <input type="checkbox"/> Other (describe) _____ |
| <input type="checkbox"/> Wet Plate Electrostatic Precipitator | <input type="checkbox"/> Dry Plate Electrostatic Precipitator | |

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
VOCs/VOC-HAPs		99.0%

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Design Capacity: 1 gal/min liquor flow rate

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-55	List all emission units associated with this control device. R-9
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Manufacturer:	Model number:	Installation date: MM/DD/1992
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator	<input type="checkbox"/> Dry Plate Electrostatic Precipitator	

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
HCl		99.9%

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 10 gal/min
 Design Capacity: 6 ft. packing

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-60	List all emission units associated with this control device. V-263, V-359, V-687, V-690
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Manufacturer:	Model number:	Installation date: MM/DD/1995
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator	<input type="checkbox"/> Dry Plate Electrostatic Precipitator	

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
HCl		99.9%

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 10 gal/min
Design Capacity: 7 ft. packing

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-68	List all emission units associated with this control device. T-62, V-706, V-707
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Manufacturer:	Model number:	Installation date: MM/DD/1995
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator	<input type="checkbox"/> Dry Plate Electrostatic Precipitator	

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
HCl		99.8%

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 1 gal/min
 Design Capacity: 5 ft. packing

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-74	List all emission units associated with this control device. N/A
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Manufacturer:	Model number:	Installation date: MM/DD/1994
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator		<input type="checkbox"/> Dry Plate Electrostatic Precipitator

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
Scrubber receives T-75 outlet and vents to T-76. See T-76.		

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 6 gal/min
 Design Capacity: 24 ft. packing
 Vents to Scrubber T-76

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-75	List all emission units associated with this control device. N/A
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Manufacturer:	Model number:	Installation date: MM/DD/1994
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator	<input type="checkbox"/> Dry Plate Electrostatic Precipitator	

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
Scrubber receives T-75 outlet and vents to T-76. See T-76.		

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 6 gal/min
 Design Capacity: 24 ft. packing
 Vents to Scrubber T-75

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

ATTACHMENT G - Air Pollution Control Device Form

Control device ID number: T-76	List all emission units associated with this control device. T-74, T-75, V-40, V-746, V-747
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Manufacturer:	Model number:	Installation date: MM/DD/1994
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Type of Air Pollution Control Device:

<input type="checkbox"/> Baghouse/Fabric Filter	<input type="checkbox"/> Venturi Scrubber	<input type="checkbox"/> Multiclone
<input type="checkbox"/> Carbon Bed Adsorber	<input checked="" type="checkbox"/> Packed Tower Scrubber	<input type="checkbox"/> Single Cyclone
<input type="checkbox"/> Carbon Drum(s)	<input type="checkbox"/> Other Wet Scrubber	<input type="checkbox"/> Cyclone Bank
<input type="checkbox"/> Catalytic Incinerator	<input type="checkbox"/> Condenser	<input type="checkbox"/> Settling Chamber
<input type="checkbox"/> Thermal Incinerator	<input type="checkbox"/> Flare	<input type="checkbox"/> Other (describe) _____
<input type="checkbox"/> Wet Plate Electrostatic Precipitator	<input type="checkbox"/> Dry Plate Electrostatic Precipitator	

List the pollutants for which this device is intended to control and the capture and control efficiencies.

Pollutant	Capture Efficiency	Control Efficiency
VOCs/Ethylene Oxide		99.97%

Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).

Minimum Liquor Flow Rate: 6 gal/min
 Design Capacity: 6 ft. packing

Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes No

If Yes, **Complete ATTACHMENT H**

If No, **Provide justification.**

Describe the parameters monitored and/or methods used to indicate performance of this control device.

The pollution control device is has a continuous flow rate monitor to monitor the input liquor flow rate to each scrubber.

Attachment H

ATTACHMENT H - Compliance Assurance Monitoring (CAM) Plan Form

For definitions and information about the CAM rule, please refer to 40 CFR Part 64. Additional information (including guidance documents) may also be found at <http://www.epa.gov/ttn/emc/cam.html>

CAM APPLICABILITY DETERMINATION

1) Does the facility have a PSEU (Pollutant-Specific Emissions Unit considered separately with respect to **EACH** regulated air pollutant) that is subject to CAM (40 CFR Part 64), which must be addressed in this CAM plan submittal? To determine applicability, a PSEU must meet **all** of the following criteria (*If No, then the remainder of this form need not be completed*): YES NO

- a. The PSEU is located at a major source that is required to obtain a Title V permit;
- b. The PSEU is subject to an emission limitation or standard for the applicable regulated air pollutant that is **NOT** exempt;

LIST OF EXEMPT EMISSION LIMITATIONS OR STANDARDS:

- NSPS (40 CFR Part 60) or NESHAP (40 CFR Parts 61 and 63) proposed after 11/15/1990.
 - Stratospheric Ozone Protection Requirements.
 - Acid Rain Program Requirements.
 - Emission Limitations or Standards for which a WVDEP Division of Air Quality Title V permit specifies a continuous compliance determination method, as defined in 40 CFR §64.1.
 - An emission cap that meets the requirements specified in 40 CFR §70.4(b)(12).
- c. The PSEU uses an add-on control device (as defined in 40 CFR §64.1) to achieve compliance with an emission limitation or standard;
 - d. The PSEU has potential pre-control device emissions of the applicable regulated air pollutant that are equal to or greater than the Title V Major Source Threshold Levels; AND
 - e. The PSEU is **NOT** an exempt backup utility power emissions unit that is municipally-owned.

BASIS OF CAM SUBMITTAL

2) Mark the appropriate box below as to why this CAM plan is being submitted as part of an application for a Title V permit:

RENEWAL APPLICATION. **ALL** PSEUs for which a CAM plan has **NOT** yet been approved need to be addressed in this CAM plan submittal.

INITIAL APPLICATION (submitted after 4/20/98). **ONLY** large PSEUs (i. e., PSEUs with potential post-control device emissions of an applicable regulated air pollutant that are equal to or greater than Major Source Threshold Levels) need to be addressed in this CAM plan submittal.

SIGNIFICANT MODIFICATION TO LARGE PSEUs. **ONLY** large PSEUs being modified after 4/20/98 need to be addressed in this cam plan submittal. For large PSEUs with an approved CAM plan, **Only** address the appropriate monitoring requirements affected by the significant modification.

3) ^a BACKGROUND DATA AND INFORMATION

Complete the following table for all PSEUs that need to be addressed in this CAM plan submittal. This section is to be used to provide background data and information for each PSEU in order to supplement the submittal requirements specified in 40 CFR §64.4. If additional space is needed, attach and label accordingly.

PSEU DESIGNATION	DESCRIPTION	POLLUTANT	CONTROL DEVICE	^b EMISSION LIMITATION or STANDARD	^c MONITORING REQUIREMENT
<u>EXAMPLE</u> Boiler No. 1	Wood-Fired Boiler	PM	Multiclone	45CSR§2-4.1.c.; 9.0 lb/hr	Monitor pressure drop across multiclone: Weekly inspection of multiclone

^a If a control device is common to more than one PSEU, one monitoring plan may be submitted for the control device with the affected PSEUs identified and any conditions that must be maintained or monitored in accordance with 40 CFR §64.3(a). If a single PSEU is controlled by more than one control device similar in design and operation, one monitoring plan for the applicable control devices may be submitted with the applicable control devices identified and any conditions that must be maintained or monitored in accordance with 40 CFR §64.3(a).

^b Indicate the emission limitation or standard for any applicable requirement that constitutes an emission limitation, emission standard, or standard of performance (as defined in 40 CFR §64.1).

^c Indicate the monitoring requirements for the PSEU that are required by an applicable regulation or permit condition.

CAM MONITORING APPROACH CRITERIA

Complete this section for **EACH** PSEU that needs to be addressed in this CAM plan submittal. This section may be copied as needed for each PSEU. This section is to be used to provide monitoring data and information for **EACH** indicator selected for **EACH** PSEU in order to meet the monitoring design criteria specified in 40 CFR §64.3 and §64.4. If more than two indicators are being selected for a PSEU or if additional space is needed, attach and label accordingly with the appropriate PSEU designation, pollutant, and indicator numbers.

4a) PSEU Designation:	4b) Pollutant:	4c) ^a Indicator No. 1:	4d) ^a Indicator No. 2:
5a) GENERAL CRITERIA Describe the <u>MONITORING APPROACH</u> used to measure the indicators:			
^b Establish the appropriate <u>INDICATOR RANGE</u> or the procedures for establishing the indicator range which provides a reasonable assurance of compliance:			
5b) PERFORMANCE CRITERIA Provide the <u>SPECIFICATIONS FOR OBTAINING REPRESENTATIVE DATA</u> , such as detector location, installation specifications, and minimum acceptable accuracy:			
^c For new or modified monitoring equipment, provide <u>VERIFICATION PROCEDURES</u> , including manufacturer's recommendations, <u>TO CONFIRM THE OPERATIONAL STATUS</u> of the monitoring:			
Provide <u>QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PRACTICES</u> that are adequate to ensure the continuing validity of the data, (i.e., daily calibrations, visual inspections, routine maintenance, RATA, etc.):			
^d Provide the <u>MONITORING FREQUENCY</u> :			
Provide the <u>DATA COLLECTION PROCEDURES</u> that will be used:			
Provide the <u>DATA AVERAGING PERIOD</u> for the purpose of determining whether an excursion or exceedance has occurred:			

^a Describe all indicators to be monitored which satisfies 40 CFR §64.3(a). Indicators of emission control performance for the control device and associated capture system may include measured or predicted emissions (including visible emissions or opacity), process and control device operating parameters that affect control device (and capture system) efficiency or emission rates, or recorded findings of inspection and maintenance activities.

^b Indicator Ranges may be based on a single maximum or minimum value or at multiple levels that are relevant to distinctly different operating conditions, expressed as a function of process variables, expressed as maintaining the applicable indicator in a particular operational status or designated condition, or established as interdependent between more than one indicator. For CEMS, COMS, or PEMS, include the most recent certification test for the monitor.

^c The verification for operational status should include procedures for installation, calibration, and operation of the monitoring equipment, conducted in accordance with the manufacturer's recommendations, necessary to confirm the monitoring equipment is operational prior to the commencement of the required monitoring.

^d Emission units with post-control PTE ≥ 100 percent of the amount classifying the source as a major source (i.e., Large PSEU) must collect four or more values per hour to be averaged. A reduced data collection frequency may be approved in limited circumstances. Other emission units must collect data at least once per 24 hour period.

RATIONALE AND JUSTIFICATION

Complete this section for EACH PSEU that needs to be addressed in this CAM plan submittal. This section may be copied as needed for each PSEU. This section is to be used to provide rationale and justification for the selection of EACH indicator and monitoring approach and EACH indicator range in order to meet the submittal requirements specified in 40 CFR §64.4.

6a) PSEU Designation:

6b) Regulated Air Pollutant:

7) **INDICATORS AND THE MONITORING APPROACH:** Provide the rationale and justification for the selection of the indicators and the monitoring approach used to measure the indicators. Also provide any data supporting the rationale and justification. Explain the reasons for any differences between the verification of operational status or the quality assurance and control practices proposed, and the manufacturer's recommendations. (If additional space is needed, attach and label accordingly with the appropriate PSEU designation and pollutant):

8) **INDICATOR RANGES:** Provide the rationale and justification for the selection of the indicator ranges. The rationale and justification shall indicate how EACH indicator range was selected by either a COMPLIANCE OR PERFORMANCE TEST, a TEST PLAN AND SCHEDULE, or by ENGINEERING ASSESSMENTS. Depending on which method is being used for each indicator range, include the specific information required below for that specific indicator range. (If additional space is needed, attach and label accordingly with the appropriate PSEU designation and pollutant):

- COMPLIANCE OR PERFORMANCE TEST (Indicator ranges determined from control device operating parameter data obtained during a compliance or performance test conducted under regulatory specified conditions or under conditions representative of maximum potential emissions under anticipated operating conditions. Such data may be supplemented by engineering assessments and manufacturer's recommendations). The rationale and justification shall INCLUDE a summary of the compliance or performance test results that were used to determine the indicator range, and documentation indicating that no changes have taken place that could result in a significant change in the control system performance or the selected indicator ranges since the compliance or performance test was conducted.
- TEST PLAN AND SCHEDULE (Indicator ranges will be determined from a proposed implementation plan and schedule for installing, testing, and performing any other appropriate activities prior to use of the monitoring). The rationale and justification shall INCLUDE the proposed implementation plan and schedule that will provide for use of the monitoring as expeditiously as practicable after approval of this CAM plan, except that in no case shall the schedule for completing installation and beginning operation of the monitoring exceed 180 days after approval.
- ENGINEERING ASSESSMENTS (Indicator Ranges or the procedures for establishing indicator ranges are determined from engineering assessments and other data, such as manufacturers' design criteria and historical monitoring data, because factors specific to the type of monitoring, control device, or PSEU make compliance or performance testing unnecessary). The rationale and justification shall INCLUDE documentation demonstrating that compliance testing is not required to establish the indicator range.

RATIONALE AND JUSTIFICATION: