

Moats, Nikki B <nikki.b.moats@wv.gov>

R30-03900001-2025 (3 of 5) for your review

10 messages

Moats, **Nikki B** <nikki.b.moats@wv.gov> To: michelle.l.young@chemours.com

Wed, Jan 8, 2025 at 9:07 AM

Hello Michelle,

Attached you will find the Chemours - Belle Plant (3 of 5) permit and fact sheet for your review. If you've got any questions or comments, please reach out to me via email or at the phone number below.

I plan to start sending this out to notice next Monday (January 13th), but if you need more time for review, please let me know.

Sincerely, Nikki B. Moats (he/him/his) West Virginia Department of Environmental Protection Division of Air Quality Title V Permit Writer 304-414-1282 or 304-926-0499 ext 41282

2 attachments



DPFactSheet R30-03900001-2025 (3 of 5).doc 108K



DPPermit R30-03900001-2025 (3 of 5).docx 301K

Young, Michelle L < MICHELLE.L.YOUNG@chemours.com>
To: "Moats, Nikki B" < nikki.b.moats@wv.gov>

Thu, Jan 9, 2025 at 2:55 PM

Nikki,

Could you please give us an extra week to review?

Thank you,

Michelle L. Young, MS, CHMM

Senior Environmental Competency Leader | PSM Leader

RC14001 Leader | Site Communications Leader | PC&I Global Ethics Champion

On-Site Office Hours:

Mondays 7-4

Wednesdays 7-3

+1 304 357 1319 o +1 304 542 6697 m

Belle, WV 25015

The Chemours Company 901 W. DuPont Avenue



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From: Moats, Nikki B <nikki.b.moats@wv.gov> Sent: Wednesday, January 8, 2025 9:08 AM

To: Young, Michelle L < MICHELLE.L.YOUNG@chemours.com>

Subject: [EXT] R30-03900001-2025 (3 of 5) for your review

You don't often get email from nikki.b.moats@wv.gov. Learn why this is important

External email. Confirm links and attachments before opening.

[Quoted text hidden]

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Moats, Nikki B <nikki.b.moats@wv.gov>

To: "Young, Michelle L" <MICHELLE.L.YOUNG@chemours.com>

Thu, Jan 9, 2025 at 3:10 PM

Michelle,

Sure, I can do that. I'll plan to start the process on the 20th if I don't hear back from you before then.

Thanks,

Nikki

[Quoted text hidden]

Young, Michelle L < MICHELLE.L.YOUNG@chemours.com>
To: "Moats, Nikki B" < nikki.b.moats@wv.gov>

Thu, Jan 9, 2025 at 3:38 PM

Sounds good. Thank you!

[Quoted text hidden] [Quoted text hidden]

Young, Michelle L <MICHELLE.L.YOUNG@chemours.com>

Mon, Jan 20, 2025 at 7:55 AM

To: "Moats, Nikki B" <nikki.b.moats@wv.gov>

Nikki,

Sorry for last minute comments, last week was crazy.

In section 1.1

- 1. ACR027, the emission point should be 561.013, not 561.0013
- 2. Under 1.1, Some of the out of service tanks have been removed from the permit,
 - a. 551.005 101E Tank,
 - b. 551.004 101W Tank,
 - c. 552.015 46B1 Tank (out of service in 2018),
 - d. 565.008 S Tank,
 - e. 565.005 V Tank (out of service in 2018),
 - f. 561.0014 W Tank,

while others remain,

- g. 554.004 88C Tank,
- h. 552.004 67B1 Tank,
- i. 525.003 372 Tank,
- j. 561 003 1 Tank
- k 552.014 46A1 Tank.

What is the logic behind removal versus keeping?

Also, this was completely our mistake, we need to move ACR 201 and ACR202 up to the HM process instead of the MMA process. It still operates the same and has the same requirements. Will that be a problem?

Thank you,

Michelle L. Young, MS, CHMM

Senior Environmental Competency Leader | PSM Leader

RC14001 Leader | Site Communications Leader | PC&I Global Ethics Champion

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Mondays 7-4

Wednesdays 7-3

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From: Moats, Nikki B < nikki.b.moats@wv.gov>

Sent: Thursday, January 9, 2025 3:10 PM

[Quoted text hidden]

[Quoted text hidden] [Quoted text hidden]

Moats, **Nikki B** <nikki.b.moats@wv.gov> To: "Young, Michelle L" <MICHELLE.L.YOUNG@chemours.com>

Tue, Jan 21, 2025 at 8:12 AM

Michelle,

I went through and double checked each of these against the current R13 permits, and I noticed a few of them are still present in the most current version, so I cannot remove those.

For the others, would you have 5-10 minutes to talk through them with me sometime today? When I originally gave you the date, it completely slipped my mind that we weren't in yesterday due to the holiday.

As far as moving ACR 201 and 202 I'll get in touch with my supervisor before we talk and I can let you know what we come up with then.

Thanks, Nikki

[Quoted text hidden]

Young, Michelle L < MICHELLE.L.YOUNG@chemours.com>
To: "Moats, Nikki B" < nikki.b.moats@wv.gov>

Tue, Jan 21, 2025 at 8:13 AM

Yes, just let me know when you are available.

Michelle L. Young, MS, CHMM

Senior Environmental Competency Leader | RC14001 Leader | Site Communications Leader

PC&I Ethics Champion

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Mondays 7-3:30

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From: Moats, Nikki B < nikki.b.moats@wv.gov>

Sent: Tuesday, January 21, 2025 8:12 AM

To: Young, Michelle L < MICHELLE.L.YOUNG@chemours.com > **Subject:** Re: [EXT] R30-03900001-2025 (3 of 5) for your review

External email. Confirm links and attachments before opening.

[Quoted text hidden] [Quoted text hidden]

Moats, Nikki B <nikki.b.moats@wv.gov>

To: "Young, Michelle L" <MICHELLE.L.YOUNG@chemours.com>

Tue, Jan 21, 2025 at 8:14 AM

I don't have any meetings scheduled for today, so I am available pretty much all day. [Quoted text hidden]

Young, Michelle L < MICHELLE.L.YOUNG@chemours.com>

Tue, Jan 21, 2025 at 8:19 AM

To: "Moats, Nikki B" <nikki.b.moats@wv.gov>

How about 2?

Michelle L. Young, MS, CHMM

Senior Environmental Competency Leader | RC14001 Leader | Site Communications Leader

PC&I Ethics Champion

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From: Moats, Nikki B < nikki.b.moats@wv.gov>

Sent: Tuesday, January 21, 2025 8:14 AM

[Quoted text hidden]

[Quoted text hidden]

Moats, **Nikki B** <nikki.b.moats@wv.gov>
To: "Young, Michelle L" <MICHELLE.L.YOUNG@chemours.com>

Tue, Jan 21, 2025 at 8:20 AM

That sounds good to me [Quoted text hidden]

Division of Air Quality Permit Application Submittal

Please fin	d attac	hed a 1	permit a	pplication	for
------------	---------	---------	----------	------------	-----

[Company Name; Facility Location]

- DAQ Facility ID (for existing facilities only):
- Current 45CSR13 and 45CSR30 (Title V) permits associated with this process (for existing facilities only):
- Type of NSR Application (check all that apply):
 - Construction
 - Modification
 - Class I Administrative Update
 - O Class II Administrative Update
 - Relocation
 - Temporary
 - Permit Determination

- Type of 45CSR30 (TITLE V) Application:
 - Title V Initial
 - O Title V Renewal
 - Administrative Amendment**
 - Minor Modification**
 - Significant Modification**
 - Off Permit Change
- **If the box above is checked, include the Title V revision information as ATTACHMENT S to the combined NSR/Title V application.

- Payment Type:
 - Credit Card (Instructions to pay by credit card will be sent in the Application Status email.)
 - Check (Make checks payable to: WVDEP Division of Air Quality)
 Mail checks to:

WVDEP – DAQ – Permitting

Attn: NSR Permitting Secretary

601 57th Street, SE Charleston, WV 25304 Please wait until DAQ emails you the Facility ID Number and Permit Application Number. Please add these identifiers to your check or cover letter with your check.

- If the permit writer has any questions, please contact (all that apply):
 - Responsible Official/Authorized Representative
 - Name:
 - Email:
 - Phone Number:
 - Company Contact
 - Name:
 - Email:
 - Phone Number:
 - Consultant
 - Name:
 - Email:
 - Phone Number:

TABLE OF CONTENTS

- I. Permit Application & CBI Cover Letter (email)
- II. Attachment A Area Map (email)
- III. Attachment B Plot Plan (confidential mail, redacted email)
- IV. Attachment C Process Flow Diagrams and Descriptions (confidential mail, redacted email)
- V. Attachment D Equipment Table (confidential mail, redacted email)
- VI. Attachment E Emission Unit Forms (confidential mail, redacted email)
- VII. Attachment G Air Pollution Control Device Forms (email)

Cover Document for Confidential Information

Company Name	Chemours	Responsible Official		
Company Address	901 W. DuPont Ave.	Confidential	Name	Nick Martino
	Belle, WV 25015	Information Designee in	Title	Site Manager
		State of WV	Address	901 West DuPont Ave.
Person/Title	Michelle L. Young	-		Belle, WV 25015
Submitting	Sr. Environmental		Phone	304-357-1430
Confidential Information	Competency Leader	Sec.	Fax	304-357-1230

Reason for Submittal Of Confidential Information Permit renewal application for Group 3
Title V Permit

Identification of Confidential Information	Rationale for Confidential Claim 45CSR31-4.1a-e	Confidential Treatment Time Period
Attachment B Plot Plan Drawings Attachment C Process Flow Diagrams/Process Description Attachment D Attachment E	a. Chemours continues to claim business confidentiality protection for this business. The claim has not expired by its term, or been waived or withdrawn. The confidential information should continue to be maintained as such for an indefinite time period.	Permanent
	See attached for b-e	

Responsible Official Signature:	And shit
Responsible Official Title:	Site Manager
Date Signed:	4/1/24

 $\underline{\mathbf{NOTE}} : \ \mathbf{Must} \ \mathbf{be} \ \mathbf{signed} \ \mathbf{and} \ \mathbf{dated} \ \mathbf{in} \ \mathbf{BLUE} \ \mathbf{INK}.$

Rationale for Confidentiality Claim (Cont.)

- b. Information claimed confidential is not available to the general public. Within the company, Chemours has distributed technical information on a need-to-know basis and has used its business confidentiality policy to prevent inadvertent dissemination of information. This policy includes:
 - * Marking of business confidential documents,
 - Limited distribution of documents,
 - * Shredding of confidential documents before disposal.

Employees are aware of the competitive nature of their business and are trained in guarding confidential information.

- c. Information revealing the process technology in this submittal is not reasonably obtainable by persons other than Chemours employees who need to know. To maintain the confidentiality of such information, Chemours employees involved with confidential information sign a confidentiality agreement as stipulated by Chemours Legal. Transmittal of confidential information is done by certified mail or is delivered in person by a Chemours employee.
- d. There is no statute that has been reviewed that requires disclosure of information claimed to be confidential.
- e. Chemours claims business confidentiality protection for the information submitted since disclosure would allow competent engineers within a competitor's company to determine the manner or process by which Chemours produces this product and would provide competitors information without paying for technology or conducting research and development necessary to obtain the technology.



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

INITIAL/RENEWAL TITLE V PERMIT APPLICATION - GENERAL FORMS

Section 1: General Information

Section 1. General Information				
Name of Applicant (As registered with the WV Secretary of State's Office): The Chemours Company FC, LLC	2. Facility Name or Location: Chemours Belle Plant, Belle, WV			
3. DAQ Plant ID No.: 039-00001	4. Federal Employer ID No. (FEIN): 911077773			
5. Permit Application Type:				
	operations commence? 1926 expiration date of the existing permit? 10/1/24			
6. Type of Business Entity:	7. Is the Applicant the:			
☐ Corporation ☐ Governmental Agency ☑ LLC ☐ Partnership ☐ Limited Partnership	☐ Owner ☑•Operator ☐•Both If the Applicant is not both the owner and operator,			
8. Number of onsite employees: 130	please provide the name and address of the other party. Mitsubishi Chemical America			
	6070 Poplar Ave, Ste. 600 Memphis, TN 38119			
9. Governmental Code:				
☐ Privately owned and operated; 0 ☐ Federally owned and operated; 1 ☐ State government owned and operated; 2 ☐	County government owned and operated; 3 Municipality government owned and operated; 4 District government owned and operated; 5			
10. Business Confidentiality Claims				
Does this application include confidential information (per 45CSR31)?				
justification for each segment claimed confidential	th page that is submitted as confidential, and provide, including the criteria under 45CSR§31-4.1, and in COTICE-CLAIMS OF CONFIDENTIALITY" guidance.			

11. Mailing Address					
Street or P.O. Box: 901 W DuPont Avenue					
City: Belle		State: WV			Z ip: 25015
Telephone Number: 304-357-1	000	Fax Number:	304-3	357-1	230
And the second s	AND	<u> </u>	******	*******	
12. Facility Location (Physical Add	iress)				
Street: 901 W DuPont Avenue	City: Belle			County: Kanawha	
UTM Easting: 451.90 km	UTM Northin	ng: 4232.60	km	Zone: ☑ 17 or ☐ 18	
Directions: I-64 to Belle exit, take Rt. 60 east to Belle exit, turn right onto Dupont Avenue, then turn left at plant.					t onto Dupont Avenue,
Portable Source? Yes	No				
Is facility located within a nonattainment area? Yes No If yes, for what air pollutants?				for what air pollutants?	
Is facility located within 50 miles of another state? Yes No If yes, name the affected state(s				name the affected state(s).	
Is facility located within 100 km of a Class I Area ¹ ? Yes No If yes, name the area(s). If no, do emissions impact a Class I Area ¹ ? Yes No				name the area(s).	
Class I areas include Dolly Sods and Otte Face Wilderness Area in Virginia.	r Creek Wilderness	Areas in West Virgin	nia, and St	henandoah	n National Park and James River

13. Contact Information			
Responsible Official: Nicholas Martino		Title: Plant Manager	
Street or P.O. Box: 901 W DuPont Avenue			
City: Belle	State: Zip: WV 25015		
Telephone Number: 304+-357-1430	Cell Number:		
E-mail address: nicholas.scott.martino@chemo	urs.com		
Environmental Contact: Michelle Young		Title: Sr. Env. Compentency Leader	
Street or P.O. Box: 901 W DuPont Avenue			
City: Belle	State: WV	Zip: 25015	
Telephone Number: 304-357-1319	Cell Number: 304-542-6697		
E-mail address: michelle.l.young@chemours.co	om		
Application Preparer: Environmental Contact		Title:	
Company:			
Street or P.O. Box:			
City:	State:	Zip:	
Telephone Number:	Telephone Number: Cell Number:		
E-mail address:			

14. Facility Description			
List all processes, products, NA process, products, NAICS and those listed for normal operation	AICS and SIC codes for normal operation, in order of pr SIC codes associated with any alternative operating scenon.	iority. Also list narios if differe	any nt from
Process	Products	NAICS	SIC
Acrylics	ethyl methyacrylate, 2-ethylhexyl methacrylate	325211	2821
Other areas	VAZO, DME, DMS	325199	2869
·····			
Provide a general descriptio	n of operations.	1	1
The Belle plant manufa for group 3 of 5 which i	ctures various organic chemicals. This rense for the acrylics unit.	newal applic	cation is
15. Provide an Area Map	showing plant location as ATTACHMENT A.		
16. Provide a Plot Plan(s), the stationary source(s)	e.g. scaled map(s) and/or sketch(es) showing the location is located as ATTACHMENT B. For instructions, reference	on of the proper er to "Plot Plan	ty on which - Guidelines.
17. Provide a detailed Pro C. Process Flow Diagr relationships.	cess Flow Diagram(s) showing each process or emission ams should show all emission units, control equipment,	ons unit as ATT emission points	ACHMENT s, and their

Section 2: Applicable Requirements

18. Applicable Requirements Summary	
Instructions: Mark all applicable requirements.	
□ SIP	☐ FIP
✓ Minor source NSR (45CSR13)	☐ PSD (45CSR14)
✓ NESHAP (45CSR34)	☐ Nonattainment NSR (45CSR19)
☐ Section 111 NSPS	☐ Section 112(d) MACT standards
Section 112(g) Case-by-case MACT	☐ 112(r) RMP
☐ Section 112(i) Early reduction of HAP	Consumer/commercial prod. reqts., section 183(e)
☐ Section 129 Standards/Reqts.	
☐ Tank vessel reqt., section 183(f)	☐ Emissions cap 45CSR§30-2.6.1
☐ NAAQS, increments or visibility (temp. sources)	☐ 45CSR27 State enforceable only rule
☐ 45CSR4 State enforceable only rule	☐ Acid Rain (Title IV, 45CSR33)
☐ Emissions Trading and Banking (45CSR28)	☐ Compliance Assurance Monitoring (40CFR64)
☐ Cross-State Air Pollution Rule (45CSR43)	
19. Non Applicability Determinations	
List all requirements which the source has determined requested. The listing shall also include the rule citat	I not applicable and for which a permit shield is ion and the reason why the shield applies.
Permit Shield	

9. Non Applicability Determinations (Continued) - Attach additional pages as necessary.		
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.		

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).
see current permit
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.)
see current permit
Are you in compliance with all facility-wide applicable requirements? Yes No
If no, complete the Schedule of Compliance Form as ATTACHMENT F.

0. Facility-Wide Applicable Requirements (Continued) - Attach additional pages as necessary.			
List all facility-wide applicable requirements. and/or permit with the condition number.	For each applicable requirement, include the rule citation		
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.)			
	·		
	· · · · · · · · · · · · · · · · · · ·		
Are you in compliance with all facility-wide	applicable requirements? Yes No		
If no, complete the Schedule of Compliance F	Form as ATTACHMENT F.		

21. Active Permits/Consent Orders			
Permit or Consent Order Number	Date of Issuance MM/DD/YYYY	List any Permit Determinations that Affect the Permit (if any)	
CO-R21-97-31	09/06/1997		
CO-R21-C-2001-10A(97)			
R13-1002		5/21/19	
R13-1628		7/17/07	
R13-2742		04/01/08	
PD19-005		3/7/19	
	<u> </u>		

Permit Number Date of Issuance MM/DD/YYYY Permit Condition II 13-2641 12/12/2005	n Numbei
<u> </u>	

Section 3: Facility-Wide Emissions

	Potential Emissions
Carbon Monoxide (CO)	0
Nitrogen Oxides (NO _X)	0
Lead (Pb)	0
Particulate Matter (PM _{2.5}) ¹	0
Particulate Matter (PM ₁₀) ¹	0
Total Particulate Matter (TSP)	0
Sulfur Dioxide (SO ₂)	0
Volatile Organic Compounds (VOC)	17
Hazardous Air Pollutants ²	Potential Emissions
Methyl Methacrylate	9
Methanol	6
Regulated Pollutants other than Criteria and HAP	Potential Emissions
R-22	leaks only

 $^{^{1}}PM_{2.5}$ and PM_{10} are components of TSP. $^{2}For\ HAPs$ that are also considered PM or VOCs, emissions should be included in both the HAPs section and the Criteria Pollutants section.

Section 4: Insignificant Activities

24.	24. Insignificant Activities (Check all that apply)				
V	1.	Air compressors and pneumatically operated equipment, including hand tools.			
	2.	Air contaminant detectors or recorders, combustion controllers or shutoffs.			
3	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.			
☑	4.	Bathroom/toilet vent emissions.			
V	5.	Batteries and battery charging stations, except at battery manufacturing plants.			
Z	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.			
	7.	Blacksmith forges.			
V	8.	Boiler water treatment operations, not including cooling towers.			
	9.	Brazing, soldering or welding equipment used as an auxiliary to the principal equipment at the source.			
	10.	CO ₂ lasers, used only on metals and other materials which do not emit HAP in the process.			
Z	11.	Combustion emissions from propulsion of mobile sources, except for vessel emissions from Outer Continental Shelf sources.			
Z	12.	Combustion units designed and used exclusively for comfort heating that use liquid petroleum gas or natural gas as fuel.			
V	13.	Comfort air conditioning or ventilation systems not used to remove air contaminants generated by or released from specific units of equipment.			
V	14.	Demineralized water tanks and demineralizer vents.			
	15.	Drop hammers or hydraulic presses for forging or metalworking.			
	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.			
	17.	Emergency (backup) electrical generators at residential locations.			
V	18.	Emergency road flares.			
	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.]	nsigni	ficant Activities (Check all that apply)	
	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.	
		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:	
		H. d. v. d. (MAD) conses	
	21.	Environmental chambers not using hazardous air pollutant (HAP) gases.	
√	22.	Equipment on the premises of industrial and manufacturing operations used solely for the purpose of preparing food for human consumption.	
	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.	
Z	24.	Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.	
₩.	25.	Equipment used for surface coating, painting, dipping or spray operations, except those that will emit VOC or HAP.	
V	26.	Fire suppression systems.	
V	27.	Firefighting equipment and the equipment used to train firefighters.	
V	28.	Flares used solely to indicate danger to the public.	
∡	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.	
	30.	Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation.	
V	31.	Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning or machining wood, metal or plastic.	
	32.	Humidity chambers.	
	33.	. Hydraulic and hydrostatic testing equipment.	
V	34.		
Z	35.		
	36.		
	37.	37. Laundry activities, except for dry-cleaning and steam boilers.	
	38.	Natural gas pressure regulator vents, excluding venting at oil and gas production facilities.	
V	39.	Oxygen scavenging (de-aeration) of water.	
	40.	Ozone generators.	

	nsigni	ficant Activities (Check all that apply)	
	41.	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 owners/operators must still get a permit if otherwise requested.)	
☑	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.	
Z	43.	Process water filtration systems and demineralizers.	
	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.	
V	45.	Repairs or maintenance where no structural repairs are made and where no new air pollutant emitting facilities are installed or modified.	
\square	46.	Routing calibration and maintenance of laboratory equipment or other analytical instruments.	
	47.	Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants. Shock chambers.	
	48.	Shock chambers.	
	49.	Solar simulators.	
√Z	50.	Space heaters operating by direct heat transfer.	
√	51.	Steam cleaning operations.	
V	52.	Steam leaks.	
V	53.	Steam sterilizers.	
V	54.	Steam vents and safety relief valves.	
V	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.	
V	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.	
	57.	Such other sources or activities as the Director may determine.	
	58.	Tobacco smoking rooms and areas.	
☑	59.	Vents from continuous emissions monitors and other analyzers.	

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.

28. Certification of Truth, Accuracy and Completeness and Certification of Compliance					
Note	e: This Certification must be signed by a responsible official as defined in 45CSR§30-2.38.				
a. C	ertification of Truth, Accuracy and Completeness	A CONTRACTOR OF THE PROPERTY O			
this I cer subr resp know	tify that I am a responsible official (as defined at 45CSR§30-submission on behalf of the owners or operators of the source tify under penalty of law that I have personally examined and nitted in this document and all its attachments. Based on my onsibility for obtaining the information, I certify that the state wledge and belief true, accurate, and complete. I am aware the statements and information or omitting required statements are imprisonment.	e described in this document and its attachments. am familiar with the statements and information inquiry of those individuals with primary ements and information are to the best of my at there are significant penalties for submitting			
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.					
Res	ponsible official (type or print)				
	Name: Title: Plant Manager				
Responsible official's signature: Signature: Signature Date: 4/1/24 (Must be signed and dated in blue ink or have a valid electronic signature)					
Note: Please check all applicable attachments included with this permit application:					
.∡					
☑	ATTACHMENT B: Plot Plan(s)				
V	ATTACHMENT C: Process Flow Diagram(s)				
Ø	ATTACHMENT D: Equipment Table				
V	ATTACHMENT E: Emission Unit Form(s)				
	ATTACHMENT F: Schedule of Compliance Form(s)				
☑	ATTACHMENT G: Air Pollution Control Device Form(s)				
П	ATTACHMENT H: Compliance Assurance Monitoring (CA	AM) 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.

Attachment B – Plot Plan

REDACTED CLAIM OF CONFIDENTIALITY

CHEMOURS BELLE PLANT
PLOT PLAN
TITLE V OPERATING
PERMIT APPLICATION

SOUTH STATEMENT OF THE STATEMENT OF THE

$\begin{array}{c} \textbf{Attachment C-Process Flow Diagrams and} \\ \textbf{Descriptions} \end{array}$

R30-039000001 Group 3REDACTED CLAIM OF CONFIDENTIALITYChemours Belle Plant

Attachment C Process Description

There are currently two processes in Group 3: Higher Monomers (HM) and MMA Stripping.

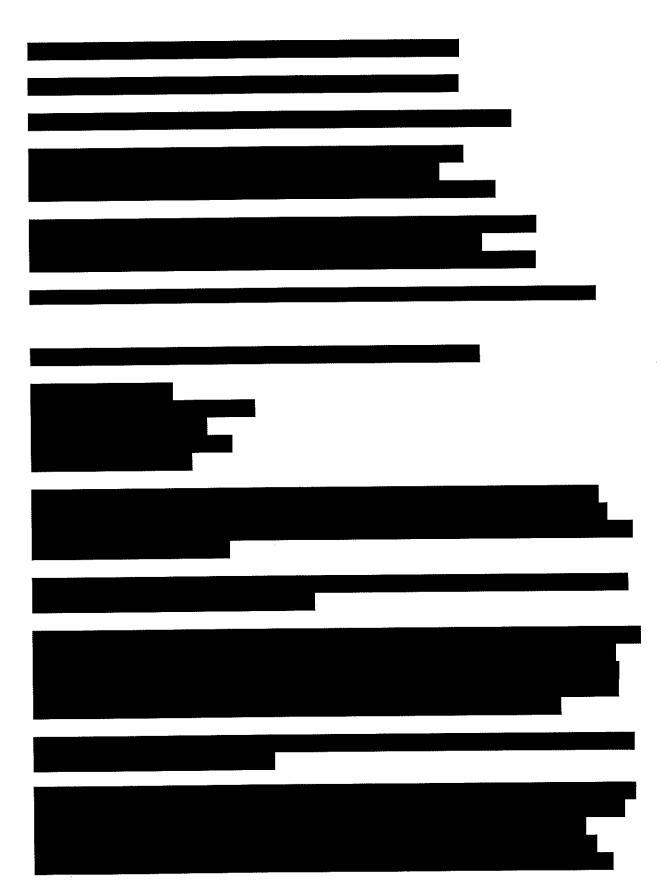
Since the 2018 permit, multiple tank changes have occurred in the HM and MMA processes. The attached table shows the 2018 tank service and the current tank service.

As a result of the elimination of tanks, the sum of the Maximum Potential Emissions for the process units has decreased. Also, the MPE for many of the tanks was calculated as if the total production passed through each tank. Although this is not a likely scenario, it is possible and would represent the maximum possible emissions for each tank. It should be noted that the average unit throughput has decreased since 2018.

I. <u>Higher Monomers</u>

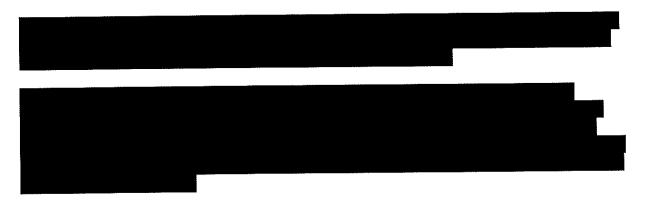


R30-039000001 Group 3REDACTED CLAIM OF CONFIDENTIALITYChemours Belle Plant Attachment C Process Description

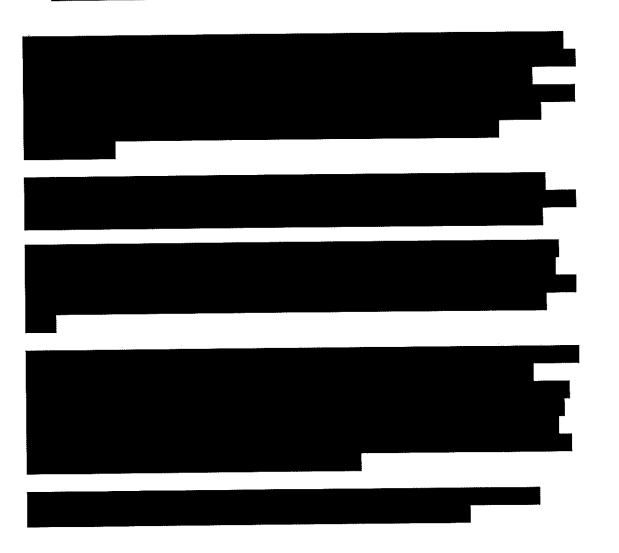


R30-039000001 Group 3REDACTED CLAIM OF CONFIDENTIALITYChemours Belle Plant

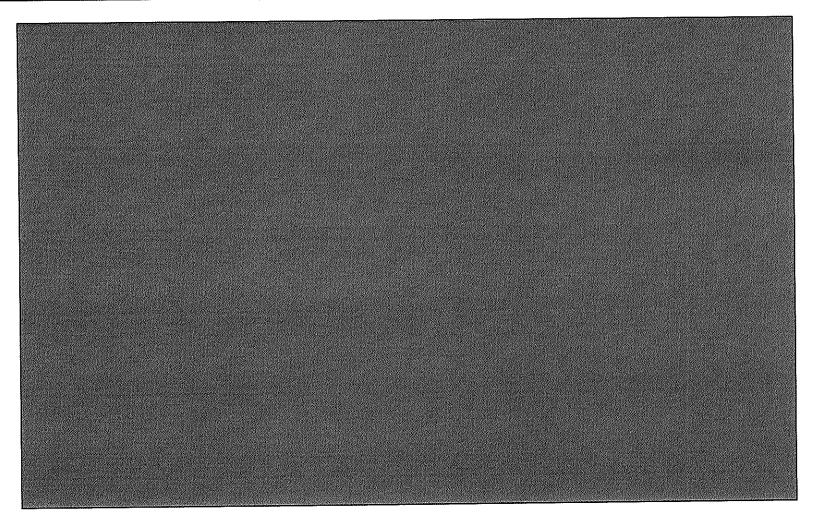
Attachment C Process Description



II. MMA Stripping

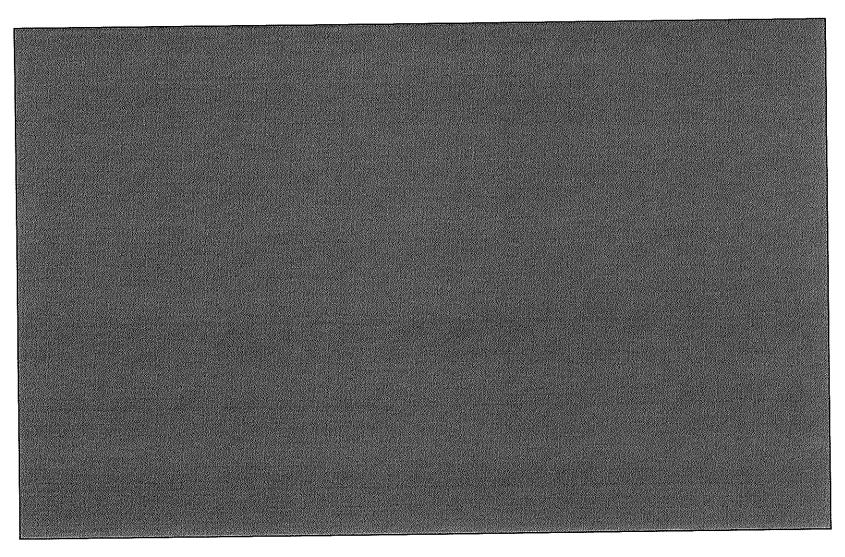


Belle MMA and Higher Monomers



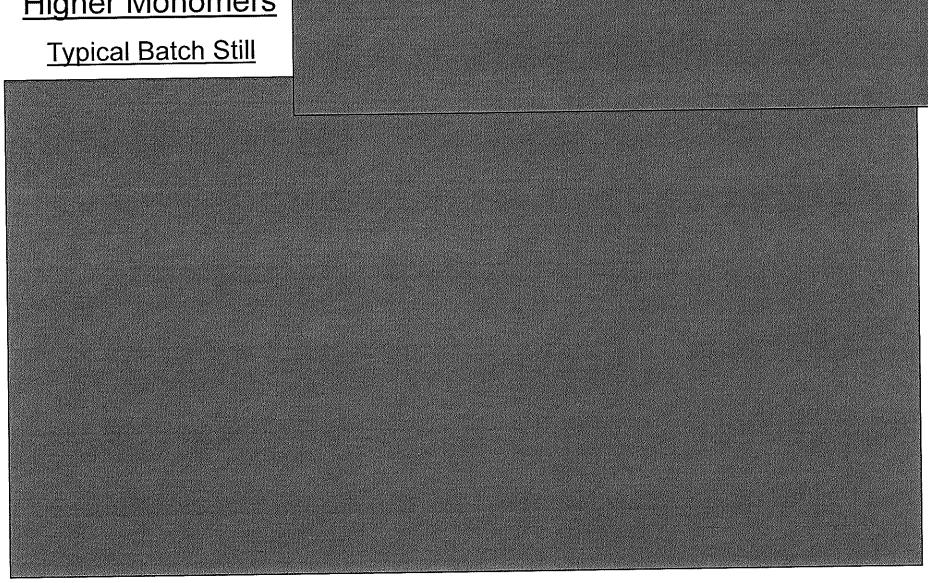
Attachment C Process Flow Diagrams Chemours Belle Plant R30-039000001 Group 3 Renewal Application REDACTED CLAIM OF CONFIDENITALITY

Methyl Methacrylate Stripper



Attachment C Process Flow Diagrams Chemours Belle Plant R30-039000001 Group 3 Renewal Application REDACTED CLAIM OF CONFIDENITALITY

Higher Monomers



Attachment C Process Flow Diagrams Chemours Belle Plant R30-039000001 Group 3 Renewal Application

REDACTED CLAIM OF CONFIDENITALITY

$Attachment \ D-Equipment \ Table$

Received
January 21, 2025
WV DEP/Div of Air Quality

	1		IEmicala:					1	
Fmission	Emission		Emission Unit		Year	Control			
Unit ID		Equipment Description	Description	Design Capacity	Installed	Device			
Higher Me	nomore	•							
Higher Mo	momers		Distillation						
ACR001	553.010	REDACTED	apparatus	REDACTED	1936	None			
			Distillation						
ACR002	551.001	REDACTED	apparatus	_REDACTED	1965	None			
ACR003	552.009	REDACTED	Distillation apparatus	REDACTED	1970	None			
			Distillation			10.10			
ACR004	552.001	REDACTED	apparatus	REDACTED	1935/1973	None			
ACR005	553.010	REDACTED	Heat exchanger	N/A	Replaced 2013	None			
AOITOOS		REDACTES	Heat		2013	INOTIC	I		
ACR006	551.001	REDACTED	exchanger	N/A	1965	None			
ACR007	552.009	REDACTED	Heat exchanger	N/A	2011	None			
ACROOT	332.009	REDACTED	Heat	IN/A	2011	None	l.		
ACR008	552.001	REDACTED	exchanger	N/A	1935/1973	None			
	=== 0.10	DED. 0750	Heat		Replaced				
ACR009	553.010	REDACTED	exchanger Heat	N/A	2013	None	ı		
ACR010	551.001	REDACTED	exchanger	N/A	1965	None			
			Heat						
ACR011	552.009	REDACTED	exchanger Heat	N/A	1970	None			
ACR012	552.001	REDACTED	exchanger	N/A	1935/1973	None			
			Vacuum						
ACR013	553.010	REDACTED	equipment	REDACTED	1936	None			
ACB014	551.001	REDACTED	Vacuum equipment	REDACTED	1965	None			
ACR014	351.001	REDACTED	Vacuum	_KEDACTED	1905	None			
ACR015	552.009	REDACTED	equipment	REDACTED	1967	None			
100010	=======	DED 4 0750	Vacuum				Į.		
ACR016	552.001 Fug Em	REDACTED REDACTED	equipment Sump	REDACTED REDACTED	1935/1973 Pre-1970	None None			
	Fug Em	REDACTED	Sump	REDACTED	2014	None			
	"				Approx				
A C D 04 7	Fug Em	REDACTED	Sump	N/A	1973	None			
ACR017 ACR018	552.012 552.003	REDACTED REDACTED	Storage tank Storage tank		1942 2014	None None			
ACR022		REDACTED	Storage tank	•	2014	None			
ACR023	551.002	REDACTED	Storage tank	REDACTED	1936	None			
ACR027	561.013	REDACTED	Storage tank	REDACTED	2014	None			
ACR029		REDACTED	Storage tank		1970	None			
ACR030	554.008	REDACTED	Storage tank		1965	None	1		
ACR037	1	REDACTED	Storage tank		1965	None			
ACR031 ACR032	554.004	REDACTED REDACTED	Storage tank		1965 1936	None None			
ACR032	552.014	REDACTED	Storage tank Storage tank		1940	None			
ACR048	552.015	REDACTED	Storage tank		1340	None	1		
ACR035	552.004	REDACTED	Storage tank		1940	None			
ACR041	551.012	REDACTED	Storage tank		1940	None			
ACR038	551.005	REDACTED	Storage tank	REDACTED	1937	None			
ACR039	551.004	REDACTED	Storage tank		1937	None			
ACR036		REDACTED	Storage tank		1965	None	1		
ACR040A ACR042		REDACTED	Storage Tank		1956 1959	ACRCD2 None	1		
ACR042 ACR044	1	REDACTED REDACTED	Storage tank Storage tank		1959	None			
ACR044		REDACTED	Storage tank		1071	None	l		
ACR047		REDACTED	Storage tank		1939	None			
ACR128		REDACTED	Storage tank		2013	None			
ACR201	561.005	REDACTED	Storage tank	REDACTED	1993	ACRCD1			
ACR202		REDACTED	Storage tank	REDACTED	1936	None			
	ping & Sto		Storogo tool	PEDACTED	1042	None			
ACR203	525.003	REDACTED	Storage tank Distillation	REDACTED	1942	None	L		
ACR204	525.004	REDACTED	apparatus	REDACTED	1943	None			
ACR205	561.003/56	SREDIDACTED	Jacketed pipe	N/A	1989	None			
ACR206	525.004	REDACTED	Heat exchanger	N/A	1940	None			
	320.004		Vacuum		.010	. 10110			
ACR207	525.004	REDACTED	system	N/A	1989	None			
ACR208	561.003	REDACTED	Storage tank	REDACTED	1962	None			
1000:-	581.001	DEDACTED	l and to the	NI/A	A1/A	NI		,	
ACR210	581.002	REDACTED	Loading rack	N/A	N/A	None			
							1		

			Emission		Year	Control				
mission nit ID	Emission Point ID	Equipment Description	Unit Description	Design Capacity	Installed	Device				
		Edulbulotts Pagoti buoti								
igner Mc	onomers		Distillation							
CR001	553.010	REDACTED	apparatus Distilation	REDACTED	1936	None 				
CR002	551.001	REDACTED	apparatus Distillation	_REDACTED	1965	None			<u> </u>	
CR003	552,009	REDACTED	apparatus Distillation	REDACTED	1970	None				
CR004	552.001	REDACTED	apparatus Heat	REDACTED	1935/1973 Replaced	None				
CR005	553.010	REDACTED	exchanger Heat	N/A	2013 	None				
ACR006	551.001	REDACTED	exchanger Heat	N/A	1965	None				
ACR007	552,009	REDACTED	exchanger Heal	N/A	2011	None		1	e agramana	
ACR008	552,001	REDACTED	exchanger Heat	N/A	1935/1973 Replaced	None				
ACR009	553,010	REDACTED	exchanger Heat	N/A	2013 I	None		1		
ACR010	551.001	REDACTED	exchanger Heat	N/A	1965	None				
ACR011	552.009	REDACTED	exchanger Heat	N/A	1970	None		1		
ACR012	552,001	REDACTED	exchanger Vacuum	N/A	1935/1973	None				
ACR013	553,010	REDACTED	vacuum equipment Vacuum	REDACTED	1936	None				1
ACR014	551.001	REDACTED	vacuum equipment Vacuum	REDACTED	1965	None		_		
ACR015	552,009	REDACTED	equipment	REDACTED	1967	None				L
ACR016		REDACTED	Vacuum equipment	REDACTED	1935/1973 Pre-1970	None None				
	Fug Em	REDACTED	Sump Sump	REDACTED REDACTED	2014	None		Personal Property Con-	on the description	Tarana and a same and a same a sa
	Fug Em	REDACTED			Approx					
	Fug Em	REDACTED	Sump	N/A	1973	None None	I			I
ACR017	552,012	REDACTED	Storage tank Storage tank		1942 2014	None	<u> </u>			
ACR018 ACR022	552.003 561.008	REDACTED REDACTED	Storage lank		2014	None	 			
ACR023	551.002	REDACTED	Storage lank		1936	None				
ACR027	561.013	REDACTED	Storage tank		2014	None	.			SE SENTENCISCO
ACR029		REDACTED		REDACTED	1970	None				
ACR030		REDACTED	Storage tank		1965 1965	None None	 			
ACR037	554.003	REDACTED	Storage tank	REDACTED	1965	None				
ACR031		REDACTED REDACTED	Storage tank		1936	None	1			
ACR032 ACR034		REDACTED		REDACTED	1940	None				
ACR048		REDACTED		REDACTED		None				
ACR035		REDACTED		REDACTED	1940	None				
ACR041		REDACTED		REDACTED	1940	None	l			
ACR038		REDACTED		REDACTED	1937 1937	None None				
ACR039		REDACTED REDACTED		REDACTED REDACTED	1965	None			I	
ACR036		REDACTED		k REDACTED	1956	ACRCD2				
ACR042		REDACTED	Storage tani	REDACTED	1959	None	.]			
ACR044		REDACTED		REDACTED	1947	None				
ACR046	565,005			REDACTED		None	1			
ACR047		REDACTED		REDACTED	1939 2013	None None	 			
ACR128 MMA Str	564.109 ripping & S	REDACTED lorage	Storage tani	k REDACTED	30 2V 1V	[140116				
ACR201			Storage tan	k_REDACTED	1993	ACRCD1	<u> </u>			
ACR202	525,002	REDACTED		k REDACTED k REDACTED	1936 1942	None None				
ACR203		REDACTED	Distillation apparatus	REDACTED	1943	Nane				
ACR204			apperatus Jackeled pi		1989	None				
ACR205		5i REDACTED	Heat		1940	None				
ACR206		and the second s	exchanger Vacuum	N/A N/A	1940	None				
ACR207 ACR208		REDACTED REDACTED	system Storage tan	N/A k REDACTED	1962	None	I			
l	581.001 581.002	REDACTED	Loading rac	k N/A	N/A	None				

Control De	evices			 ļ <u></u>	
ACRCD1	561.005 Internal floating roof	Floating roof REDACTED 2011	N/A	 	
ACRCD2	565,009A Internal floating roof	Floating roof REDACTED 2008	N/A		

Attachment E – Emission Unit Forms

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T. J. J. W. J. J. D. C. J. J. C.	Distillation apparatus		
Emission Unit Description Emission unit ID number:	Emission unit name:	List any control devi-	
ACR001	REDACTED	None	
Provide a description of the emissi	on unit (type, method of operation, de	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Matt Corcoran & Co.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1930	1936	N/A	
Design Capacity (examples: furna	ces - tons/hr. tanks - gallons):		
REDACTED	ces tomorni, tunto general,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli	cable fields)		
Does this emission unit combust for		If yes, is it?	
		Indirect Fired	Direct Fire
Maximum design heat input and/o	or maximum horsepower rating:	Type and Btu/hr rat	ing of burners
	`		-1-1
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s fuel usage for each.	i). For each fuel type i	stea, provide
Describe each fuel expected to be	used during the term of the permit.		
	used during the term of the permit. Max. Sulfur Content	Max. Ash Content	BTU Value
Describe each fuel expected to be Fuel Type		Max. Ash Content	BTU Value
		Max. Ash Content	BTU Value
		Max. Ash Content	BTU Value

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Emissions Data					
Criteria Pollutants	Potential Emissions				
	РРН	TPY			
Carbon Monoxide (CO)	0	0			
Nitrogen Oxides (NO _x)	0	0			
Lead (Pb)	0	0			
Particulate Matter (PM _{2.5})	0	0			
Particulate Matter (PM ₁₀)	0	0			
Total Particulate Matter (TSP)	0	0			
Sulfur Dioxide (SO ₂)	0	0			
Volatile Organic Compounds (VOC)	See ACR013	See ACR013			
Hazardous Air Pollutants	Potential Emissions				
	РРН	TPY			
See ACR013	See ACR013	See ACR013			
See ACR013	See ACR013	See ACR013			
See ACR013	See ACR013	See ACR013			
Regulated Pollutants other than	Potential Emissions				
Criteria and HAP	РРН	ТРУ			
See ACR013	See ACR013	See ACR013			
See ACR013	See ACR013	See ACR013			

CONFIDENTIAL

Applicable Requirements		
List all applicable requirements for this emission unit. For each applicable requirement, included underlying rule/regulation citation and/or construction permit with the condition number. (A permit condition numbers alone are not the underlying applicable requirements). If an emission	lote: Title V	- 1
calculated based on the type of source and design capacity or if a standard is based on a desig	n parameter	,
this information should also be included.		
See ACR013		
Permit Shield: See ACR013 For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporde used to demonstrate compliance. If the method is based on a permit or rule, include the corditation. (Note: Each requirement listed above must have an associated method of demon compliance. If there is not already a required method in place, then a method must be proposed ACR013	ondition num strating	hall
Are you in compliance with all applicable requirements for this emission unit? If no, complete the Schedule of Compliance Form as ATTACHMENT F.	_X_Yes _	_No

ATT	CACHMENT E - Emission Unit l	Form	
Emission Unit Description	Distillation apparatus		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR001	REDACTED	None	
Provide a description of the emission	on unit (type, method of operation, desi	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Matt Corcoran & Co.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1930	1936	N/A	
Design Capacity (examples: furnace REDACTED Maximum Hourly Throughput:	ees - tons/hr, tanks - gallons): Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	eable fields)		
Does this emission unit combust fu		If yes, is it?	
	· L	Indirect Fired Type and Btu/hr ra	Direct Fire
Maximum design heat input and/o	r maximum norsepower raung.	Type and Bearing 14	ing of burnors
List the primary fuel type(s) and i the maximum hourly and annual f	f applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
I			

Emissions Data				
Criteria Pollutants	Potential Emissions			
	PPH	TPY		
Carbon Monoxide (CO)	0	0		
Nitrogen Oxides (NO _X)	0	0		
Lead (Pb)	0	0		
Particulate Matter (PM _{2.5})	0	0		
Particulate Matter (PM ₁₀)	0	0		
Total Particulate Matter (TSP)	0	0		
Sulfur Dioxide (SO ₂)	0	0		
Volatile Organic Compounds (VOC)	See ACR013	See ACR013		
Hazardous Air Pollutants	Potential Emissions			
	PPH	TPY		
See ACR013	See ACR013	See ACR013		
See ACR013	See ACR013	See ACR013		
See ACR013	See ACR013	See ACR013		
Regulated Pollutants other than Criteria and HAP	Potential Emissions			
Criteria and fiar	РРН	TPY		
See ACR013	See ACR013	See ACR013		
See ACR013	See ACR013	See ACR013		

Applicable Requirements	_
List all applicable requirements for this emission unit. For each applicable requirement, include the	ı
inderlying rule/regulation citation and/or <u>construction permit</u> with the condition number. (<i>Note: Title V</i>	
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	
calculated based on the type of source and design capacity or if a standard is based on a design parameter,	-
his information should also be included.	1
See ACR013	
	_
Permit Shield: See ACR013	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which sha be used to demonstrate compliance. If the method is based on a permit or rule, include the condition numbe or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR013	er .
Y V N	
Are you in compliance with all applicable requirements for this emission unit?X_YesN	10

ATT	TACHMENT E - Emission Unit	Form	:
Emission Unit Description	Distillation apparatus		
Emission unit ID number:	Emission unit name:	List any control device with this emission un	
ACR002	REDACTED	None	
Provide a description of the emission	on unit (type, method of operation, des	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Camden Copper Works	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	N/A	
Design Capacity (examples: furnace REDACTED	ces - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applie	cable fields)		
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	or maximum horsepower rating:	Type and Btu/hr rat	ing of burners:
List the primary fuel type(s) and i the maximum hourly and annual	f applicable, the secondary fuel type(s) fuel usage for each.). For each fuel type li	sted, provide
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			
	РРН	TPY		
Carbon Monoxide (CO)	0	0		
Nitrogen Oxides (NO _x)	0	0		
Lead (Pb)	0	0		
Particulate Matter (PM _{2.5})	0	0		
Particulate Matter (PM ₁₀)	0	0		
Total Particulate Matter (TSP)	0	0		
Sulfur Dioxide (SO ₂)	0	0		
Volatile Organic Compounds (VOC)	See ACR014	. See ACR014		
Hazardous Air Pollutants	Potential Emissions			
	РРН	ТРҮ		
See ACR014	See ACR014	See ACR014		
See ACR014	See ACR014	See ACR014		
See ACR014	See ACR014	See ACR014		
Regulated Pollutants other than	Potential Emissions			
Criteria and HAP	РРН	TPY		
See ACR014	See ACR014	See ACR014		
See ACR014	See ACR014	See ACR014		

Applicable Requirements List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included. See ACR014
Permit Shield: See ACR014
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shal be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR014
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo
If no, complete the Schedule of Compliance Form as ATTACHMENT F.

AT	TACHMENT E - Emission Unit	t Form	
Emission Unit Description	Distillation apparatus		
Emission unit ID number:	Emission unit name:	List any control devi with this emission un	
ACR003	REDACTED	None	
Provide a description of the emiss	ion unit (type, method of operation, de	esign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Joseph Oat & Sons, Inc.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1970	1970	N/A	
Design Capacity (examples: furns	aces - tons/hr tanks - gallons):		
REDACTED	aces - tous/itt, tanks - ganonsy.		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	S
Fuel Usage Data (fill out all appl Does this emission unit combust t		If yes, is it?	
Does this emission that compast i		Indirect Fired	Direct Fire
Maximum design heat input and	or maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s fuel usage for each.	s). For each fuel type l	isted, provide
Describe each fuel expected to be	e used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
1			

Emissions Data		
Criteria Pollutants	Potential E	missions
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR015	See ACR015
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015
Regulated Pollutants other than	Potential	Emissions
Criteria and HAP	РРН	TPY
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015

pplicable Requirements
ist all applicable requirements for this emission unit. For each applicable requirement, include the
inderlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is
alculated based on the type of source and design capacity or if a standard is based on a design parameter,
his information should also be included.
See ACR015
Permit Shield: See ACR015 For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR015
A way you in compliance with all applicable requirements for this emission unit? X Yes No.
Are you in compliance with all applicable requirements for this emission unit?X_YesNoX_YesNoX_YesNoX_YesNoX_YesNoX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesNOX_YesX_YesNOX_YesNOX_YesX_YesX_YesNOX_YesXYes

	11		
Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control devi with this emission un	
ACR004	REDACTED	None	
Provide a description of the emis	ssion unit (type, method of operation, de	esign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
A.O. Smith	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1935/1973	1935/1973	N/A	
Design Capacity (examples: furn	naces - tons/hr. tanks - gallons):		
REDACTED	garante		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all app	olicable fields)		
Does this emission unit combust	fuel? Yes _X_No	ł .	T (T)
Maximum design heat innut and	d/or maximum horsenower rating:	Indirect Fired Type and Btu/hr rat	Direct Fire ting of burners
Maximum design heat input and	d/or maximum horsepower rating:	Type and Btu/hr rat	
	d if applicable, the secondary fuel type(Type and Btu/hr rat	ting of burners
List the primary fuel type(s) and the maximum hourly and annua	d if applicable, the secondary fuel type(Type and Btu/hr rat	ting of burners
List the primary fuel type(s) and the maximum hourly and annua	d if applicable, the secondary fuel type(al fuel usage for each.	Type and Btu/hr rat	ting of burners
List the primary fuel type(s) and the maximum hourly and annual describe each fuel expected to be	d if applicable, the secondary fuel type(al fuel usage for each. be used during the term of the permit.	Type and Btu/hr rates. s). For each fuel type li	isted, provide
List the primary fuel type(s) and the maximum hourly and annual describe each fuel expected to be	d if applicable, the secondary fuel type(al fuel usage for each. be used during the term of the permit.	Type and Btu/hr rates. s). For each fuel type li	isted, provide
List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	d if applicable, the secondary fuel type(al fuel usage for each. be used during the term of the permit.	Type and Btu/hr rates. s). For each fuel type li	isted, provide

Emissions Data		
Criteria Pollutants	Potential E	Emissions
	PPH	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR016	See ACR016
Hazardous Air Pollutants	Potential I	Emissions
	РРН	TPY
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	ТРҮ
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
See ACR016
See ACR016
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR016
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
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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.)
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR005	REDACTED	None	
Provide a description of the emiss	ion unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Ward Tank & Heat Exchanger Corporation	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
2013	2013	N/A	
Design Capacity (examples: furns REDACTED Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
Maximum Hourly Throughput:		_	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appl			
Does this emission unit combust	fuel?Yes _X_No	If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input and	or maximum horsepower rating:	Type and Btu/hr ra	ting of burner
		For each fuel type l	isted, provide
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s) fuel usage for each.	, For each fuel type i	stea, provide
the maximum hourly and annual	if applicable, the secondary fuel type(s) fuel usage for each. e used during the term of the permit.	, For each fuel type i	Stea, provide
the maximum hourly and annual	fuel usage for each.	Max. Ash Content	BTU Value
the maximum hourly and annual Describe each fuel expected to be	fuel usage for each. e used during the term of the permit.		
the maximum hourly and annual Describe each fuel expected to be	fuel usage for each. e used during the term of the permit.		
the maximum hourly and annual Describe each fuel expected to be	fuel usage for each. e used during the term of the permit.		

Emissions Data		
Criteria Pollutants	Potential E	Emissions
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR013	See ACR013
Hazardous Air Pollutants	Potential I	Emissions
	PPH	TPY
See ACR013	See ACR013	See ACR013
See ACR013	See ACR013	See ACR013
See ACR013	See ACR013	See ACR013
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	TPY
See ACR013	See ACR013	See ACR013
See ACR013	See ACR013	See ACR013

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include	le the
underlying rule/regulation citation and/or construction permit with the condition number. (No	te: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission	limit is
calculated based on the type of source and design capacity or if a standard is based on a design	parameter,
this information should also be included.	
See ACR013	
Permit Shield: See ACR013	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/report be used to demonstrate compliance. If the method is based on a permit or rule, include the coror citation. (Note: Each requirement listed above must have an associated method of demonstrate. If there is not already a required method in place, then a method must be proposed See ACR013	idition number trating
Are you in compliance with all applicable requirements for this emission unit?	_X_YesNo

Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR006	REDACTED	None	
Provide a description of the emis	 sion unit (type, method of operation, de	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Camden Copper Works	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	Sheel replaced 2008	
REDACTED Maximum Hourly Throughput: REDACTED Fuel Usage Data (fill out all approper this emission unit combust		Maximum Operatin REDACTED If yes, is it?	g Schedule:
	/or maximum horsepower rating:	Indirect Fired Type and Btu/hr rad	Direct Fire ting of burners
	l if applicable, the secondary fuel type(s l fuel usage for each.). For each fuel type li	isted, provide
the maximum hourly and annua	•		
	e used during the term of the permit.		
	e used during the term of the permit. Max. Sulfur Content	Max. Ash Content	BTU Value
Describe each fuel expected to b		Max. Ash Content	BTU Value

Emissions Data		
Criteria Pollutants	Poten	tial Emissions
	PPH	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR014	See ACR014
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
See ACR014	See ACR014	See ACR014
See ACR014	See ACR014	See ACR014
See ACR014	See ACR014	See ACR014
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	TPY
See ACR014	See ACR014	See ACR014
See ACR014	See ACR014	See ACR014

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
See ACR014
Permit Shield: See ACR014
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shal be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR014
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo
If no, completé the Schedule of Compliance Form as ATTACHMENT F.

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR007	REDACTED	None	
Provide a description of the emission	lon unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Southern Heat Exchanger Corporation	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
2011	2011	N/A	
REDACTED Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operation	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	ahle fields)		
Does this emission unit combust fu		If yes, is it?	
Does this emission unit compast to		Indirect Fired	Direct Firec
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and i the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.). For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
į –		L	

Emissions Data		
Criteria Pollutants	Potential Emissions	
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR015	See ACR015
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	ТРУ
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015

Applicable Requirements		
List all applicable requirements for this emission unit. For each applicable requirement, in	iclude the	
underlying rule/regulation citation and/or construction permit with the condition number.	(Note: Title V	'
permit condition numbers alone are not the underlying applicable requirements). If an emiss	sion limit is	
calculated based on the type of source and design capacity or if a standard is based on a de	sign paramete	r,
this information should also be included.		
See ACR015		
Permit Shield: See ACR015 For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re be used to demonstrate compliance. If the method is based on a permit or rule, include thor citation. (Note: Each requirement listed above must have an associated method of den	e condition nui ionstrating	shall nber
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of demonstrate. If there is not already a required method in place, then a method must be prosee ACR015	e condition num nonstrating oposed.)	nber
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of den compliance. If there is not already a required method in place, then a method must be pro-	e condition nui ionstrating	nber

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control dev with this emission un	
ACR008	REDACTED	None	;
Provide a description of the emiss	ion unit (type, method of operation, de	esign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
A.O. Smith	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1935/1973	1935/1973	N/A	
Design Capacity (examples: furna	inces - tons/hr, tanks - galions):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appl	icable fields)		
Does this emission unit combust f	uel?Yes _X_No	If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input and/	or maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s fuel usage for each.	s). For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
			A

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR016	See ACR016
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016
Regulated Pollutants other than	Potential	Emissions
Criteria and HAP	РРН	TPY
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, in	clude the
underlying rule/regulation citation and/or construction permit with the condition number.	(Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emiss	ion limit is
calculated based on the type of source and design capacity or if a standard is based on a de-	sign parameter,
this information should also be included.	
See ACR016	
TOTAL	
Permit Shield: See ACR016	
IT II I	nartina which shall
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re	porting which shall condition number
be used to demonstrate compliance. If the method is based on a permit or rule, include the	condition number
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro See ACR016	condition number onstrating posed.)
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro	condition number onstrating
be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be pro See ACR016	condition number onstrating posed.)

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control devi with this emission ur	
ACR009	REDACTED	None	
Provide a description of the emissi	on unit (type, method of operation, de	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Ward Tank & Heat Exchanger Corporation	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
0	1930	Replaced 2013	
Design Capacity (examples: furna	ces - tons/hr tanks - gallons).		
	ces - tous/iii, tanks - ganous);		
REDACTED	187 1 1771 1	Marinum Onau-ti-	a Cahadulas
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli			
Fuel Usage Data (fill out all application Does this emission unit combust fu		If yes, is it?	Divert Divert
Does this emission unit combust fu	rel? Yes X_No	Indirect Fired	Direct Fired
	rel? Yes X_No		
Does this emission unit combust fu	rel?Yes _X_No or maximum horsepower rating: of applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Does this emission unit combust further design heat input and/or the primary fuel type(s) and the maximum hourly and annual	rel?Yes _X_No or maximum horsepower rating: of applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Does this emission unit combust further design heat input and/or the primary fuel type(s) and the maximum hourly and annual	r maximum horsepower rating: If applicable, the secondary fuel type(sfuel usage for each.	Indirect Fired Type and Btu/hr ra	ting of burners
Does this emission unit combust further maximum design heat input and/or List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	r maximum horsepower rating: If applicable, the secondary fuel type(sfuel usage for each.	Indirect Fired Type and Btu/hr ra Type and Btu/hr ra or a star fired Type and Btu/hr ra	ting of burners
Does this emission unit combust further maximum design heat input and/or List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	r maximum horsepower rating: If applicable, the secondary fuel type(sfuel usage for each.	Indirect Fired Type and Btu/hr ra Type and Btu/hr ra or a star fired Type and Btu/hr ra	ting of burners
Does this emission unit combust further maximum design heat input and/or List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	r maximum horsepower rating: If applicable, the secondary fuel type(sfuel usage for each.	Indirect Fired Type and Btu/hr ra Type and Btu/hr ra or a star fired Type and Btu/hr ra	isted, provide

Emissions Data		
Criteria Pollutants	Potential Emissions	
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR013	See ACR013
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
See ACR013	See ACR013	See ACR013
See ACR013	See ACR013	See ACR013
See ACR013	See ACR013	See ACR013
Regulated Pollutants other than	Potential	Emissions
Criteria and HAP	РРН	TPY
See ACR013	See ACR013	See ACR013
See ACR013	See ACR013	See ACR013

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
See ACR013
Permit Shield: See ACR013
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR013
Are you in compliance with all applicable requirements for this emission unit?X_YesNo

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control dev with this emission up	
ACR010	REDACTED	None	
Provide a description of the emission	n unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Camden Copper Works	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	N/A	
Design Capacity (examples: furnace REDACTED			
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic			
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners:
List the primary fuel type(s) and it the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.	. For each fuel type I	isted, provide
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	
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR014	See ACR014
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
See ACR014	See ACR014	See ACR014
See ACR014	See ACR014	See ACR014
See ACR014	See ACR014	See ACR014
Regulated Pollutants other than	Potential	Emissions
Criteria and HAP	РРН	TPY
See ACR014	See ACR014	See ACR014
See ACR014	See ACR014	See ACR014

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter.	
this information should also be included.	
See ACR014	
Permit Shield: See ACR014	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which be used to demonstrate compliance. If the method is based on a permit or rule, include the condition no or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR014	
Are you in compliance with all applicable requirements for this emission unit? _X_Yes	No
If no, complete the Schedule of Compliance Form as ATTACHMENT F.	

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR011	REDACTED	None	e
Provide a description of the emissi	on unit (type, method of operation, des	sign parameters, etc.)	•
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Camden Copper Works	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	N/A	
Design Capacity (examples: furna REDACTED	ces - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli	cable fields)		
Does this emission unit combust fu	el? Yes X_No	If yes, is it?	
Maximum design heat input and/o	y maximum harsanawar rating.	Indirect Fired Type and Btu/hr ra	Direct Fired
List the primary fuel type(s) and i the maximum hourly and annual	f applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
			·

Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR015	See ACR015
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	PPH	TPY
See ACR015	See ACR015	See ACR015
See ACR015	See ACR015	See ACR015

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include the	;
underlying rule/regulation citation and/or construction permit with the condition number. (Note: T	itle V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit	is
calculated based on the type of source and design capacity or if a standard is based on a design para	meter,
this information should also be included.	
See ACR015	
Permit Shield: See ACR015	
The state of the s	hich chall
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting w	hich shall
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstration	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstration	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.)	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.) See ACR015	n number
be used to demonstrate compliance. If the method is based on a permit or rule, include the conditio or citation. (Note: Each requirement listed above must have an associated method of demonstratin compliance. If there is not already a required method in place, then a method must be proposed.) See ACR015	n number

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Heat exchanger		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR012	REDACTED	None	•
Provide a description of the emissi	_l on unit (type, method of operation, des	sign parameters, etc.)	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	· · · · · · · · · · · · · · · · · · ·
A.O. Smith	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	·····
1935/1973	1935/1973	N/A	
Design Capacity (examples: furna-	 ces - tons/hr, tanks - gallons):		
REDACTED	,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applie	cable fields)		
Does this emission unit combust fu		If yes, is it?	
3		Indirect Fired Type and Btu/hr ra	Direct Fired
Maximum design heat input and/o	r maxmum norsepower rating.	Type and Buill Ta	ting of burnets.
List the primary fuel type(s) and i the maximum hourly and annual i	f applicable, the secondary fuel type(s) fuel usage for each.	For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
7 1 7	N 0.15 0 4 4	Max. Ash Content	BTU Value
Fuel Type	Max. Sulfur Content	Transfer Combine	DIO Value
Fuel Type	Max. Sultur Content	TAMA TAMA COMMAN	BIO Value
Fuel Type	Max. Sultur Content	Tradition Control	BIO Value
Fuel Type	Max. Sultur Content	Transition Control	B10 Value

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	See ACR016	See ACR016
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	TPY
See ACR016	See ACR016	See ACR016
See ACR016	See ACR016	See ACR016

st all applicable requirements for this emission unit. For each applicable requirement, include the derlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V rmit condition numbers alone are not the underlying applicable requirements). If an emission limit is leulated based on the type of source and design capacity or if a standard is based on a design parameter, is information should also be included.
derlying rule/regulation citation and/or construction permit with the condition number. (Ivote: Time v rmit condition numbers alone are not the underlying applicable requirements). If an emission limit is lculated based on the type of source and design capacity or if a standard is based on a design parameter, is information should also be included.
rmit condition numbers alone are not the underlying applicable requirements). If an emission limit is leulated based on the type of source and design capacity or if a standard is based on a design parameter, is information should also be included.
lculated based on the type of source and design capacity or if a standard is based on a design parameter, is information should also be included.
is information should also be included.
I
ermit Shield: See ACR016
or all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall
e used to demonstrate compliance. If the method is based on a permit or rule, include the condition number [
r citation. (Note: Each requirement listed above must have an associated method of demonstrating
ompliance. If there is not already a required method in place, then a method must be proposed.)
ee ACR016
Are you in compliance with all applicable requirements for this emission unit?X_YesNo

Emission Unit Description	Vacuum equipment		
Emission unit ID number:	Emission unit name:	List any control device with this emission un	
ACR013	REDACTED	None	
Provide a description of the emission	l on unit (type, method of operation, de	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Schutte Koerting			
Construction Date:	Installation Date:	Modification Date:	
1936	1936	N/A	
5 : G : : (one tone/by tonks - gallons).		
Design Capacity (examples: furna 100 pph Dry Air - 10 mmHg suction			
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli	cable fields)		
Does this emission unit combust fu	iel? Yes X No	If yes, is it?	
		Indirect Fired	Direct Fire
Maximum design heat input and/o		Indirect Fired Type and Btu/hr rat	
Maximum design heat input and/o	or maximum horsepower rating: If applicable, the secondary fuel type(s	Type and Btu/hr rat	ing of burner
Maximum design heat input and/one of the primary fuel type(s) and the maximum hourly and annual	or maximum horsepower rating: If applicable, the secondary fuel type(s	Type and Btu/hr rat	ing of burner
Maximum design heat input and/one of the primary fuel type(s) and the maximum hourly and annual	or maximum horsepower rating: If applicable, the secondary fuel type(s	Type and Btu/hr rat	ing of burner
Maximum design heat input and/of the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	or maximum horsepower rating: If applicable, the secondary fuel type(stuel usage for each. Used during the term of the permit.	Type and Btu/hr rat	ing of burner
Maximum design heat input and/or the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	or maximum horsepower rating: If applicable, the secondary fuel type(stuel usage for each. Used during the term of the permit.	Type and Btu/hr rat	ing of burner
Maximum design heat input and/of the maximum hourly and annual Describe each fuel expected to be	or maximum horsepower rating: If applicable, the secondary fuel type(stuel usage for each. Used during the term of the permit.	Type and Btu/hr rat	ing of burner

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	ТРҮ
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	1.2	0.4
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
Methanol	0.75	0.25
Methyl Methacrylate	0.35	0.11
None	None	None
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	ТРУ
None	None	None
None	None	None

pplicable Requirements
ist all applicable requirements for this emission unit. For each applicable requirement, include the
nderlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
ermit condition numbers alone are not the underlying applicable requirements). If an emission limit is
alculated based on the type of source and design capacity or if a standard is based on a design parameter,
his information should also be included.
0CFR63.2525(e)(3)
Permit Shield: N/A For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) Record the daily rolling annual sum of batches for each still
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo If no, complete the Schedule of Compliance Form as ATTACHMENT F.

ATTACHMENT E - Emission Unit Form				
Emission Unit Description	Vacuum equipment			
Emission unit ID number:	Emission unit name:	List any control devi with this emission ur		
ACR014	REDACTED	None		
Provide a description of the emission	on unit (type, method of operation, des	sign parameters, etc.):		
REDACTED				
Manufacturer:	Model Number:	Serial Number:		
Schutte Koerting/ Bauerle & Morris Inc. / Ward Vessel & Exchanger	63-XG-269-J	N/A		
Construction Date:	Installation Date:	Modification Date:		
1965	1965	Partial Replacement	1974, 2021	
Design Capacity (examples: furnac				
100 pph Dry Air - 10 mmHg suction	P			
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:	
REDACTED	REDACTED	REDACTED		
Fuel Usage Data (fill out all applic	able fields)			
Does this emission unit combust fu	el?Yes _X_No	If yes, is it?		
		Indirect Fired	Direct Fire	
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners	
List the primary fuel type(s) and it the maximum hourly and annual f	f applicable, the secondary fuel type(s uel usage for each.). For each fuel type I	isted, provide	
Describe each fuel expected to be u	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)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	1.022726	0.18885
Hazardous Air Pollutants	Potential Emissions	
	PPH	тру
Methanol	0.49405	0.06915
Methyl Methacrylate	0.078986	0.0111
None	None	None
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	TPY
None	None	None
None	None	None

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirem	
underlying rule/regulation citation and/or construction permit with the condition num	nber. (<i>Note: Title V</i>
permit condition numbers alone are not the underlying applicable requirements). If an	emission limit is
calculated based on the type of source and design capacity or if a standard is based o	n a design parameter,
this information should also be included.	
40CFR63.2525(e)(3)	
Permit Shield: N/A	
Permit Smeid: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeepi	
be used to demonstrate compliance. If the method is based on a permit or rule, inclu	de the condition number
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method or	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method or	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
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be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating
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be used to demonstrate compliance. If the method is based on a permit or rule, inclu or citation. (Note: Each requirement listed above must have an associated method o compliance. If there is not already a required method in place, then a method must l	de the condition number f demonstrating

ATTACHMENT E - Emission Unit Form				
Emission Unit Description Vacuum equipment				
Emission unit ID number:	Emission unit name:	List any control devices associate with this emission unit:		
ACR015	REDACTED	None	,	
Provide a description of the emission unit (type, method of operation, design parameters, etc.):				
REDACTED				
Manufacturer:	Model Number:	Serial Number:		
Schutte Koerting/ Bauerle & Morris Inc. / Sistersville Tank Works	67-XG-122-J/ 64-XS-102-J/ 64-XS- 175-J	N/A		
Construction Date:	Installation Date:	Modification Date:		
1967	1967	Partial Replacement	1974, 1992, 2011	
	- tors/hy torks college):			
Design Capacity (examples: furnac				
150 pph Dry Air - 10 mmHg suction	P			
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	g Schedule:	
REDACTED	REDACTED	REDACTED		
Fuel Usage Data (fill out all application				
Does this emission unit combust fu	el?Yes _X_No	If yes, is it?	P' (F' 1	
		Indirect Fired Type and Btu/hr ra	Direct Fired	
Maximum design heat input and/or	r maximum norsepower rating.	Type and beam 1a	ting of burners.	
List the primary fuel type(s) and if the maximum hourly and annual fo	applicable, the secondary fuel type(s) nel usage for each.	. For each fuel type l	isted, provide	
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	ТРҮ
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	1.14307	0.20995
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
Methanol	0.65295	0.11805
Methyl Methacrylate	0.45012	0.0647
None	None	None
Regulated Pollutants other than	Potentia	al Emissions
Criteria and HAP	РРН	ТРҮ
None	None	None
None	None	None

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based 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 condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter,
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
40CFR63.2525(e)(3)
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) Record the daily rolling annual sum of batches for each still
Are you in compliance with all applicable requirements for this emission unit? X_Yes_No
If no, complete the Schedule of Compliance Form as ATTACHMENT F.

ATTACHMENT E - Emission Unit Form				
Emission Unit Description Vacuum equipment				
Emission unit ID number:	Emission unit name:	List any control devices associ with this emission unit:		
ACR016	REDACTED	None	;	
Provide a description of the emission unit (type, method of operation, design parameters, etc.):				
REDACTED				
Manufacturer:	Model Number:	Serial Number:		
Croll Reynolds	,			
Construction Date:	Installation Date:	Modification Date:		
1935/1973	1935/1973	N/A		
Design Capacity (examples: furnaction pph Dry Air - 10 mmHg suction				
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	g Schedule:	
REDACTED	REDACTED	REDACTED		
Fuel Usage Data (fill out all applic	able fields)			
Does this emission unit combust fu	el? Yes X_No	If yes, is it?	Direct Fired	
Maximum design heat input and/o	r maximum horsenower rating:	Indirect Fired Type and Btu/hr ra		
Maximum design near input and/o	. manana no so populari			
List the primary fuel type(s) and if the maximum hourly and annual f	applicable, the secondary fuel type(s) nel usage for each.	. For each fuel type l	isted, provide	
Describe each fuel expected to be u	used during the term of the permit.			
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value	

Emissions Data		
Criteria Pollutants	Potential Emissions	
	РРН	ТРҮ
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	2.5	0.85
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Methanol	2	0.6
Methyl Methacrylate	0.04	0.012
None	None	None
Regulated Pollutants other than	Pote	ntial Emissions
Criteria and HAP	РРН	ТРҮ
None	None	None
None	None	None

pplicable Requirements
ist all applicable requirements for this emission unit. For each applicable requirement, include the
nderlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
ermit condition numbers alone are not the underlying applicable requirements). If an emission limit is
alculated based on the type of source and design capacity or if a standard is based on a design parameter,
his information should also be included.
0CFR63.2525(e)(3)
0C1 R03.2323(0)(3)
ermit Shield: N/A
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Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR017	REDACTED	None	
Provide a description of the emissi	 on unit (type, method of operation, des	ign parameters, etc.):	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1942	1942	N/A	
Daving Consider (organization)	and tous/her touks gallons):		
Design Capacity (examples: furna REDACTED	tes - tons/iit, tanks - ganons).		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli	cable fields)		
Does this emission unit combust for	rel? Yes X_No	If yes, is it? Indirect Fired	Direct Fire
Maximum design heat input and/o	or maximum horsepower rating:	Type and Btu/hr rat	
8	, 3		
List the primary fuel type(s) and the maximum hourly and annual	f applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type li	sted, provide
Describe each fuel expected to be	used during the term of the permit.		
Describe each fuel expected to be	used during the term of the permit. Max. Sulfur Content	Max. Ash Content	BTU Value
		Max. Ash Content	BTU Value
		Max. Ash Content	BTU Value
		Max. Ash Content	BTU Value

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0.006422366	4.01398E-05
Hazardous Air Pollutants	Potential Emissions	
	РРН	ТРҮ
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	PPH	TPY
None	None	None
None	None	None

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
None
AVOIDE TO THE TOTAL PROPERTY OF THE TOTAL P
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) None
Are you in compliance with all applicable requirements for this emission unit?X_YesNo

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR018	REDACTED	None	•
Provide a description of the emissi	on unit (type, method of operation, des	ign parameters, etc.)	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Mid-South Maintenance, Inc.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
2014	2014	N/A	
Design Capacity (examples: furna REDACTED	ces - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli	cable fields)		
Does this emission unit combust fu	ıel?Yes _X_No	If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	or maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type l	isted, provide
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)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0.585927735	0.017577832
Hazardous Air Pollutants	Potential Emissions	
	РРН	ТРҮ
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Pote	ential Emissions
Criteria and HAP	РРН	ТРУ
None	None	None
None	None	None
None	INOIRE	NOIC

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
None
Permit Shield: N/A
E - Illible veguinemente listed above provide monitoring/testing/record/gening/reporting which shall
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
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be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR022	REDACTED	None)
Provide a description of the emissi	on unit (type, method of operation, des	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Mid-South Maintenance Inc.	NA	NA	
Construction Date:	Installation Date:	Modification Date:	
2014	2014	N/A	
Design Capacity (examples: furna REDACTED	ces - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applie	cable fields)		
Does this emission unit combust fu	Yes _X_No	If yes, is it?	
Maximum design heat input and/o	er maximum harsenawer rating	Indirect Fired Type and Btu/hr ra	Direct Fired ting of burners:
Wiaximum design near input and	mazimum norsepower runng.	, , , , , , , , , , , , , , , , , , , ,	<u> </u>
List the primary fuel type(s) and i the maximum hourly and annual	f applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type l	isted, provide
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	ТРҮ
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0.149011443	0.003104405
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Poten	tial Emissions
Criteria and HAP	РРН	TPY
None	None	None
None	None	None

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
None
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shal be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) None
Are you in compliance with all applicable requirements for this emission unit?X_YesNo

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control devices associated with this emission unit:	
ACR023	REDACTED	None	
Provide a description of the emissi	on unit (type, method of operation, de	sign parameters, etc.):	, , , , , , , , , , , , , , , , , , , ,
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1936	1936	N/A	
Design Capacity (examples: furna	cos - tons/hr tanks - gallons):		
REDACTED	ces - tous/iii, tanks - ganons).		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli	cable fields)		
Does this emission unit combust for		If yes, is it?	
		Indirect Fired	Direct Fired
Maximum design heat input and/o	or maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s fuel usage for each.). For each fuel type l	isted, provide
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)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	15.02690632	0.45080719
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Potential	Emissions
Criteria and HAP	PPH	TPY
None	None	None
None	None	None

Applicable Requirements List all applicable requirements for this emission unit. For each applicable requirement, include the
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
None
D 4 OLI LI, N/A
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number
or citation. (Note: Each requirement listed above must have an associated method of demonstrating
compliance. If there is not already a required method in place, then a method must be proposed.)
None
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo

Storage tank		
Emission unit name:		
REDACTED	None	
sion unit (type, method of operation, des	sign parameters, etc.):	
Model Number:	Serial Number:	
N/A	N/A	
Installation Date:	Modification Date:	
2014	N/A	
to allow to the gallono);		
aces - tons/nr, tanks - gallons):		
		g Schedule:
REDACTED	REDACTED	
licable fields)		
fuel? Yes X_No	1 -	Divers Pine
/an maximum hayganayyay yating:		Direct Fire
or maximum norsepower racing:	Type and Dtu/iii Ta	ing of burners
l if applicable, the secondary fuel type(s) l fuel usage for each.). For each fuel type li	isted, provide
if applicable, the secondary fuel type(s) I fuel usage for each. e used during the term of the permit.). For each fuel type li	isted, provide
l fuel usage for each.). For each fuel type li	isted, provide BTU Value
l fuel usage for each. e used during the term of the permit.		
l fuel usage for each. e used during the term of the permit.		
l fuel usage for each. e used during the term of the permit.		
	Emission unit name: REDACTED sion unit (type, method of operation, des Model Number: N/A Installation Date: 2014 acces - tons/hr, tanks - gallons): Maximum Annual Throughput: REDACTED licable fields)	Emission unit name: REDACTED None Sion unit (type, method of operation, design parameters, etc.): Model Number: N/A Installation Date: 2014 Maximum Annual Throughput: REDACTED Maximum Annual Throughput: REDACTED Serial Number: N/A Modification Date: N/A Maximum Annual Throughput: REDACTED licable fields) fuel? Yes _X_No

Emissions Data		
Criteria Pollutants	Potential Emissions	
	РРН	ТРҮ
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	14.2111	0.426333
Hazardous Air Pollutants	Potential Emissions	
	PPH	ТРУ
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Po	otential Emissions
Criteria and HAP	РРН	TPY
None	None	None
None	None	None
None		

Applicable Requirements List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included. None
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which sha be used to demonstrate compliance. If the method is based on a permit or rule, include the condition numbe or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) None
Are you in compliance with all applicable requirements for this emission unit? _X_YesN
If no, complete the Schedule of Compliance Form as ATTACHMENT F.

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control devi- with this emission un	
ACR029	REDACTED	None	
Provide a description of the emissi	 on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Capital City Iron Works	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1970	1970	N/A	
	A sollow Assiltant and Borolin		
Design Capacity (examples: furna REDACTED	ces - tons/ur, tanks - ganons).		
	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
Maximum Hourly Throughput:	REDACTED	REDACTED	g beneduit.
REDACTED		REDACTED	
Fuel Usage Data (fill out all appli			
Does this emission unit combust for	uel? Yes X_No	If yes, is it? Indirect Fired	Direct Fire
Maximum design heat input and/	or maximum horsenower rating:	Type and Btu/hr rat	
Maximum design near input and	or maximum reverbers and		
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type li	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Criteria Pollutants	Potential Emissions	
	РРН	ТРҮ
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0.5	0.176
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	TPY
None	None	None
None	None	None

List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included. None
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
this information should also be included.
None
D. Cott Harva
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shabe used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) None
Are you in compliance with all applicable requirements for this emission unit? _X_YesN If no, complete the Schedule of Compliance Form as ATTACHMENT F.

Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control device with this emission un	
ACR030	REDACTED	None	
Provide a description of the emission	I on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
RICHMOND ENGINEERING CO.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	N/A	
Design Capacity (examples: furnac	es - tons/hr tanks - gallons):		
REDACTED	es - tons/m, tanks - ganons/.		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operating	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input and/o	r maximum horsenower rating:	Type and Btu/hr rat	ing of hurners
1	i maximum norseponer raming.		ing or burners
1	muzimum norsopomor rawing.		ing of burners
	f applicable, the secondary fuel type(s)	. For each fuel type li	
List the primary fuel type(s) and it the maximum hourly and annual f	f applicable, the secondary fuel type(s)	. For each fuel type li	
List the primary fuel type(s) and it the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.	. For each fuel type li	
List the primary fuel type(s) and is the maximum hourly and annual f Describe each fuel expected to be	f applicable, the secondary fuel type(s) uel usage for each. used during the term of the permit.		sted, provide
List the primary fuel type(s) and is the maximum hourly and annual f Describe each fuel expected to be	f applicable, the secondary fuel type(s) uel usage for each. used during the term of the permit.		sted, provide
List the primary fuel type(s) and is the maximum hourly and annual f Describe each fuel expected to be	f applicable, the secondary fuel type(s) uel usage for each. used during the term of the permit.		sted, provide

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _x)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	0.064949664	0.00194849	
Hazardous Air Pollutants	Poten	tial Emissions	
	РРН	TPY	
None	None	None	
None	None	None	
None	None	None	
Regulated Pollutants other than	Poten	tial Emissions	
Criteria and HAP	РРН	ТРҮ	
None	None	None	
None	None	None	

Tanks 4.0.9d

Applicable Requirements List all applicable requirements for this emission unit. For each applicable requirement, inclu underlying rule/regulation citation and/or construction permit with the condition number. (New permit condition numbers alone are not the underlying applicable requirements). If an emission calculated based on the type of source and design capacity or if a standard is based on a design	ote: Title V	,
this information should also be included. None		
Permit Shield: N/A For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporbe used to demonstrate compliance. If the method is based on a permit or rule, include the coor citation. (Note: Each requirement listed above must have an associated method of demonstrate compliance. If there is not already a required method in place, then a method must be proposition. None	ndition num	ber
Are you in compliance with all applicable requirements for this emission unit?	_X_Yes _	_No
If no, complete the Schedule of Compliance Form as ATTACHMENT F.		

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR037	REDACTED	None	е
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.)	→
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
RICHMOND ENGINEERING CO.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	N/A	
Design Capacity (examples: furnac	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatii	ng Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu	el?Yes _X_No	If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/or	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners:
List the primary fuel type(s) and if the maximum hourly and annual fo	applicable, the secondary fuel type(s). rel usage for each.	. For each fuel type l	isted, provide
Describe each fuel expected to be u	sed during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data		
Criteria Pollutants	Potential Emissions	
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	17.50153767	0.350030753
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
Methanol	3,256977053	0.065139541
Methyl Methacrylate	14,23402005	0.284680401
None	None	None
Regulated Pollutants other than	Potential	Emissions
Criteria and HAP	РРН	TPY
None	None	None
None	None	None

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title	V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	
calculated based on the type of source and design capacity or if a standard is based on a design paramet	er,
this information should also be included.	
None	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which be used to demonstrate compliance. If the method is based on a permit or rule, include the condition nu or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	shall imber 0
Are you in compliance with all applicable requirements for this emission unit?X_Yes	No

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR031	REDACTED	None	•
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.)	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
RICHMOND ENGINEERING CO.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	N/A	
Design Capacity (examples: furnace REDACTED	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu	el?Yes _X_No	If yes, is it?	
Maximum design heat input and/o	- maximum harsanawar rating	Indirect Fired Type and Btu/hr ra	Direct Fired
maximum design neat input and/o	maximum norsepower racing.	Type und Deu ATT	ving v. various
List the primary fuel type(s) and if the maximum hourly and annual f	applicable, the secondary fuel type(s) nel usage for each.	. For each fuel type l	isted, provide
Describe each fuel expected to be u	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data		
Criteria Pollutants	Potential Emissions	
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0.05	0.0005
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Potei	ntial Emissions
Criteria and HAP	PPH	TPY
None	None	None
None	None	None

Applicable Requirements	
ist all applicable requirements for this emission unit. For each applicable requirement, include the	
inderlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V	
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	
alculated based on the type of source and design capacity or if a standard is based on a design parameter,	Ì
his information should also be included.	
None	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shabe used to demonstrate compliance. If the method is based on a permit or rule, include the condition number citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) None	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shabe used to demonstrate compliance. If the method is based on a permit or rule, include the condition number citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	er

Emission Unit Description	Storage tank	<u> </u>	
Emission unit ID number:	Emission unit name:	List any control devi with this emission un	
ACR032	REDACTED	None	;
Provide a description of the emis	sion unit (type, method of operation, de	sign parameters, etc.):	
REDACTED			
100110100			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1936	1936	N/A	
Design Capacity (examples: furn	aces - tons/hr, tanks - gallons):		
REDACTED	, ,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all app	licable fields)	-	
		1-0	
Does this emission unit combust	fuel?Yes _X_No	If yes, is it?	m. (. m)
		Indirect Fired	Direct Firec
	fuel?Yes _X_No //or maximum horsepower rating:	, - ·	
		Indirect Fired	
Maximum design heat input and	l/or maximum horsepower rating:	Indirect Fired Type and Btu/hr ra	ting of burners
Maximum design heat input and List the primary fuel type(s) and	I/or maximum horsepower rating: I if applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Maximum design heat input and	I/or maximum horsepower rating: I if applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annua	I/or maximum horsepower rating: I if applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annua	l/or maximum horsepower rating: I if applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annua Describe each fuel expected to be	l/or maximum horsepower rating: I if applicable, the secondary fuel type(s I fuel usage for each. e used during the term of the permit.	Indirect Fired Type and Btu/hr ran Type and Btu/hr ran Type and Btu/hr ran Type and Btu/hr ran	ting of burners
Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annua Describe each fuel expected to be	l/or maximum horsepower rating: I if applicable, the secondary fuel type(s I fuel usage for each. e used during the term of the permit.	Indirect Fired Type and Btu/hr ran Type and Btu/hr ran Type and Btu/hr ran Type and Btu/hr ran	ting of burners
Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annua Describe each fuel expected to be	l/or maximum horsepower rating: I if applicable, the secondary fuel type(s I fuel usage for each. e used during the term of the permit.	Indirect Fired Type and Btu/hr ran Type and Btu/hr ran Type and Btu/hr ran Type and Btu/hr ran	ting of burners

Emissions Data		
Criteria Pollutants	Potential Emissions	
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0.104312567	0.003129377
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
None	None	None
None	None	None
None	None	None
Regulated Pollutants other than	Potentia	l Emissions
Criteria and HAP	РРН	TPY
None	None	None
None	None	None

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include	the
underlying rule/regulation citation and/or construction permit with the condition number. (Note	: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission lin	nit is
calculated based on the type of source and design capacity or if a standard is based on a design p	arameter,
this information should also be included.	
None	
IDomnit Chiefe NI/A	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting be used to demonstrate compliance. If the method is based on a permit or rule, include the condition. (Note: Each requirement listed above must have an associated method of demonstrate compliance. If there is not already a required method in place, then a method must be proposed. None	ition number iting
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting be used to demonstrate compliance. If the method is based on a permit or rule, include the conditor citation. (Note: Each requirement listed above must have an associated method of demonstrate compliance. If there is not already a required method in place, then a method must be proposed None	ition number iting

ATI	CACHMENT E - Emission Unit	Form	
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission un	
ACR034	REDACTED	None	;
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1940	1940	N/A	,,,,
	tone/by tanks gallons);		
Design Capacity (examples: furnac	es - tons/ur, tanks - ganous):		
REDACTED		M O	a Cahadulas
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	ig Scheaule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu	el?Yes _X_No	If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and it the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.	. For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
1			

Potential Emissions	
PPH	TPY
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0.25	0,165
Po	otential Emissions
PPH	ТРҮ
0.15	0.063
0.15	0.0905
None	None
Po	otential Emissions
РРН	ТРУ
None	None
None	None
	PPH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

pplicable Requirements
ist all applicable requirements for this emission unit. For each applicable requirement, include the
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ermit condition numbers alone are not the underlying applicable requirements). If an emission limit is
alculated based on the type of source and design capacity or if a standard is based on a design parameter,
his information should also be included.
None
·
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number
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ATT	TACHMENT E - Emission Unit	Form	
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR048	REDACTED	o	
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
(0		0
Construction Date:	Installation Date:	Modification Date:	
0	0	N/A	
	tone/hy tonke gollons);		
Design Capacity (examples: furnac	es - tons/nr, tanks - ganons):		
REDACTED		[35 ' O	- C-Inadustas
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	ig Scheaule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu	el? Yes No	If yes, is it?	Dine at Fine d
Maximum design heat input and/o	r mayimum harsanawar rafing.	Indirect Fired Type and Btu/hr ra	Direct Fired
Maximum design near input and/o	i maximum norsepower racing.	xype una zeu	ung or surre
0		0	
			(
	f applicable, the secondary fuel type(s)	. For each fuel type l	isted, provide
the maximum hourly and annual f	uel usage for each. 0	0	
0 0	0	0	
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
0	0	0	0
0	0	0	0
1			

Criteria Pollutants	Potential I	Emissions
Critoria i Gridianio	РРН	ТРУ
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0	0
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
Regulated Pollutants other than Criteria and HAP	Potential	Emissions
Cracita and Try	РРН	TPY
List the method(s) used to calculate the pot		

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include the	
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V	
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	
calculated based on the type of source and design capacity or if a standard is based on a design parameter,	
this information should also be included.	
	0
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which sha	11
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number	er
or citation. (Note: Each requirement listed above must have an associated method of demonstrating	-
compliance. If there is not already a required method in place, then a method must be proposed.)	
compliance. If there is not already a required method in place, then a method must be proposed.)	0
	Ū
	_
Are you in compliance with all applicable requirements for this emission unit? Yes _X_No)

A ^r	TTACHMENT E - Emission Unit	t Form	
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR035	REDACTED	None	;
Provide a description of the emis	sion unit (type, method of operation, de	esign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1940	1940	N/A	
Design Capacity (examples: furn REDACTED			<u></u>
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all app			
Does this emission unit combust	fuel? Yes X_No	If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input and	l/or maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annua	l if applicable, the secondary fuel type(s l fuel usage for each.	s). For each fuel type l	isted, provide
Describe each fuel expected to b	e used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

ons Data		
ı Pollutants	Potential Emissions	
	PPH	ТРҮ
Monoxide (CO)	0	0
en Oxides (NO _X)	0	0
Pb)	0	0
late Matter (PM _{2.5})	0	0
late Matter (PM ₁₀)	0	0
Particulate Matter (TSP)	0	0
Dioxide (SO ₂)	0	0
e Organic Compounds (VOC)	0.2	0.325
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
nol	0.2	0.15
l Methacrylate	0.2	0.16
	None	None
gulated Pollutants other than	Pc	otential Emissions
Criteria and HAP	РРН	TPY
Non	1e	None
Non	16	None
	ne	

Applicable Requirements List all applicable requirements for this emission unit. For each applicable requirement, in underlying rule/regulation citation and/or construction permit with the condition number. permit condition numbers alone are not the underlying applicable requirements). If an emiss calculated based on the type of source and design capacity or if a standard is based on a dethis information should also be included. None	(<i>Note: Title V</i> sion limit is	
Permit Shield: N/A		
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of demonstrate. If there is not already a required method in place, then a method must be provided by the provided method in place, th	e condition nun ionstrating	shall nber 0
Are you in compliance with all applicable requirements for this emission unit?	_X_Yes _	_No
If no, complete the Schedule of Compliance Form as ATTACHMENT F.		

	TTACHMENT E - Emission Unit	t Form	
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR041	REDACTED	None	
Provide a description of the emis	sion unit (type, method of operation, de	esign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1940	1940	N/A	
Design Capacity (examples: furn	naces - tons/hr. tanks - gallons):		
REDACTED	iaces - tous, in turns gumono,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all app	olicable fields)		
Does this emission unit combust		If yes, is it? Indirect Fired	
			Direct Fire
Maximum design heat input and	l/or maximum horsepower rating:	Type and Btu/hr ra	Direct Fired ting of burners
Maximum design heat input and	l/or maximum horsepower rating:		
	d if applicable, the secondary fuel type(Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annua	d if applicable, the secondary fuel type(Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annua	d if applicable, the secondary fuel type(s	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	d if applicable, the secondary fuel type(sold fuel usage for each. The used during the term of the permit.	Type and Btu/hr ra	isted, provide
List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	d if applicable, the secondary fuel type(sold fuel usage for each. The used during the term of the permit.	Type and Btu/hr ra	isted, provide
List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	d if applicable, the secondary fuel type(sold fuel usage for each. The used during the term of the permit.	Type and Btu/hr ra	isted, provide

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _X)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	14.62283338	0.304642362	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
None	None	None	
None	None	None	
None	None	None	
Regulated Pollutants other than	Poten	tial Emissions	
Criteria and HAP	РРН	TPY	
None	None	None	
None	None	None	

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable require	
underlying rule/regulation citation and/or construction permit with the condition I	number. (<i>Note: Title V</i>
permit condition numbers alone are not the underlying applicable requirements). If	
calculated based on the type of source and design capacity or if a standard is based	
this information should also be included.	•
None	
Pormit Shield N/A	
Permit Shield: N/A	
	t for 1. 2 - 1: 1
For all applicable requirements listed above, provide monitoring/testing/recordkee be used to demonstrate compliance. If the method is based on a permit or rule, incor citation. (Note: Each requirement listed above must have an associated method compliance. If there is not already a required method in place, then a method must none	lude the condition number I of demonstrating
be used to demonstrate compliance. If the method is based on a permit or rule, incor citation. (Note: Each requirement listed above must have an associated method compliance. If there is not already a required method in place, then a method must	lude the condition number I of demonstrating

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission un	
ACR038	REDACTED	None	
Provide a description of the emission	l on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1937	1937	N/A	
Design Capacity (examples: furnac	ees - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Firec
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and in the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.	. For each fuel type l	isted, provide
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	
	РРН	TPY
Carbon Monoxide (CO)	0	0
Nitrogen Oxides (NO _X)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	.0	0
Volatile Organic Compounds (VOC)	2	0.525
Hazardous Air Pollutants	Potential Emissions	
	РРН	TPY
Methanol	1	0.455
Methyl Methacrylate	0.2	0.07
None .	None	None
Regulated Pollutants other than	Potential Emissions	
Criteria and HAP	РРН	TPY
None	None	None
None	None	None

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include the	
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V	
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	
calculated based on the type of source and design capacity or if a standard is based on a design parameter,	,
this information should also be included.	
None	
Permit Shield: N/A	
To the transfer of the second state of above provide manifering/testing/record/seaning/reporting which s	hall I
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which si	hall her
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition num	ber
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition num or citation. (Note: Each requirement listed above must have an associated method of demonstrating	ber
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be used to demonstrate compliance. If the method is based on a permit or rule, include the condition num or citation. (Note: Each requirement listed above must have an associated method of demonstrating	ber
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be used to demonstrate compliance. If the method is based on a permit or rule, include the condition num or citation. (Note: Each requirement listed above must have an associated method of demonstrating	ber
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be used to demonstrate compliance. If the method is based on a permit or rule, include the condition num or citation. (Note: Each requirement listed above must have an associated method of demonstrating	ber
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition num or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	0
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition num or citation. (Note: Each requirement listed above must have an associated method of demonstrating	0

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR039	REDACTED	None	,
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1937	1937	N/A	
Design Capacity (examples: furnac	es - tons/hr, tanks - gallons):		
REDACTED			·
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu	el? Yes X_No	If yes, is it?	
		Indirect Fired Type and Btu/hr ra	Direct Fired
Maximum design heat input and/o	r maximum norsepower rating:	Type and Built ra	ting of burners.
List the primary fuel type(s) and if the maximum hourly and annual f	applicable, the secondary fuel type(s). uel usage for each.	For each fuel type l	isted, provide
Describe each fuel expected to be u	sed 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)	0	0	
Nitrogen Oxides (NO _X)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	2	0.525	
Hazardous Air Pollutants	Potential Emissions		
	PPH	ТРҮ	
Methanol	1	0.455	
Methyl Methacrylate	0.2	0.07	
None	None	None	
Regulated Pollutants other than	Po	otential Emissions	
Criteria and HAP	РРН	ТРУ	
None	None	None	
None	None	None	

Applicable Requirements		
List all applicable requirements for this emission unit. For each applicable requirement, inc	lude the	
underlying rule/regulation citation and/or construction permit with the condition number.	(Note: Title V	
permit condition numbers alone are not the underlying applicable requirements). If an emissi	on limit is	
calculated based on the type of source and design capacity or if a standard is based on a des	ign paramete	r,
this information should also be included.		
None		
Permit Shield: N/A		
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/rep be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of democompliance. If there is not already a required method in place, then a method must be proposed.	condition nur onstrating	shall nber 0
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/rep be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of demonstrate the contraction of t	condition nur onstrating	nber
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/rep be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of demonstrate the contraction of t	condition nur onstrating	nber
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/rep be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of demonstrate the contraction of t	condition nur onstrating	o o

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR036	REDACTED	None	,
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Richmond Engineering Company	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1965	1965	N/A	
Design Capacity (examples: furnac	es - tons/hr. tanks - gallons):		
REDACTED	,,,,,,,,,,,,,,,,,,,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operation	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu		If yes, is it?	
Maximum design heat input and/o	w maximum haveanawar rating	Indirect Fired Type and Btu/hr ra	Direct Fired
List the primary fuel type(s) and it the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.	. For each fuel type l	isted, provide
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)	0	0	
Nitrogen Oxides (NO _X)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	2.916630841	0.349995701	
Hazardous Air Pollutants	Potential I	Emissions	
	PPH	TPY	
Methanol	0.807431702	0.096891804	
Methyl Methacrylate	0.564597114	0.067751654	
None	None	None	
Regulated Pollutants other than	Potential Emissions		
Criteria and HAP	РРН	TPY	
None	None	None	
None	None	None	

Att E

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include the	
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Tit	le V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	
calculated based on the type of source and design capacity or if a standard is based on a design param	ieter,
this information should also be included.	-
None	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting Wil	ich shall i
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting when used to demonstrate compliance. If the method is based on a permit or rule, include the condition	ich shall number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	number
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	number

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage Tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR040A	REDACTED	ACRC	D2
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.)	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Graver Tank & Mfg	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1956	1956		2008
Design Capacity (examples: furnac	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatii	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu	el?Yes _X_No	If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners:
List the primary fuel type(s) and if the maximum hourly and annual f	applicable, the secondary fuel type(s). uel usage for each.	For each fuel type l	isted, provide
Describe each fuel expected to be u	sed 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)	0	0	
Nitrogen Oxides (NO _x)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	. 0	0	
Volatile Organic Compounds (VOC)	2.134136061	0.186736905	
Hazardous Air Pollutants	Potential Emissions		
	РРН	TPY	
Methanol	1.918052478	0.167829592	
Methyl Methacrylate	0.216083583	0.018907314	
None	None	None	
Regulated Pollutants other than	Potential	Emissions	
Criteria and HAP	РРН	ТРҮ	
None	None	None	
None	None	None	

Anni	licable	Reauirements
/11/1/1/1		TECHNIC CHICKEN

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

45CSR13, R13-1002D, 4.1.1&4.1.2, 45CSR13, R13-1628, A.1, CO-R21-97-31, III.1, CO-R21-97-31, III.2, 40CFR60.116b(a)&(b)&(c), 45CSR16, 40CFR60.662 (c), 40cfr60.664(f), 40CFR60.113b(a)(1)&(2)&(3)&(4), 40CFR60.665(h), 40CFR60.115b(2), 40CFR60.665(a), 40CFR60.665(l)(7), 40CFR60.115b(a)(3)&(4)

Permit Shield: N/A

For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) Annual and 10-year inspections, compliance with the following emission limits shall be demonstrative by test or monitoring data, approved emission factors, material balances, and/or representative calculations in accordance with 45CSR21: VOCs 0.19lb/hr 0.505tons/yr. Keep records of dimensions and analysis showing the capacity for life of storage vessel. Keep records of the VOL stored, the period of storage and the maximum true vapor pressure of the VOL during the respective storage period for 2 years. Calculate the TRE and keep it above 1 without use of VOC emission control device. See 5.2.5 for formula. Tank must be inspected every 5 years. Keep records of changes to production capacity, feedstock type, catalyst type, replacement, removal, or addition of recovery equipment or a distallation unit. Any recalculation of the TRE index and results of any performance tests. Maintain daily and monthly records of throughput of the MMA refining unit and shall include rolling 12-month total throughput. Keep records of inspections with the vessel ID, date and observed condition of each component of the control equipment. Must recalculate the TRE if there is a process change. If the TRE goes below 1, must notify Director of DAQ within 1 week and shall conduct performance tests to determine compliance with 180days. If the initial TRE is is greater than 8 and the recalculated is less than or = 8 but greater than 1, a performance test must be done. Notify Administrator within 90 days if use an alternative to 40CFR60.662 and a performance test must be completed within 180 days. If comply with requirements of Subpart NNN by complying with 40CFR60.660(c)(4), (5) or (6) or condition 5.1.4 shall submit to the administrator semiannual reports of any recalculation of the TRE index. If any condition is 5.3.1.(2) are detected during annual inpsection, a report must be sent to the administrator within 30 days

Are you in compliance with all applicable requirements for this emission unit?

X Yes No

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

Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR042	REDACTED	None	
Provide a description of the emi	ssion unit (type, method of operation, de	sign parameters, etc.):	, , , , , , , , , , , , , , , , , , ,
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Buffalo Tank Corp.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1959	1959	N/A	
Design Capacity (examples: fur REDACTED	naces - tons/hr, tanks - gallons):		
Maximum Hourly Throughput	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all ap	plicable fields)		
Does this emission unit combus	t fuel?Yes _X_No	If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input an	d/or maximum horsepower rating:	Type and Btu/hr rat	ting of burners
List the primary fuel type(s) and the maximum hourly and annu	d if applicable, the secondary fuel type(s al fuel usage for each.). For each fuel type li	isted, provide
the maximum hourly and annu). For each fuel type li	isted, provide
the maximum hourly and annu	al fuel usage for each.). For each fuel type li	isted, provide BTU Value
the maximum hourly and annu Describe each fuel expected to	al fuel usage for each. be used during the term of the permit.		
the maximum hourly and annu Describe each fuel expected to	al fuel usage for each. be used during the term of the permit.		

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _x)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	0.400817661	0.100204415	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Methanol	0.400817661	0.100204415	
Methyl Methacrylate	None	None	
None	None	None	
Regulated Pollutants other than	Potential	Emissions	
Criteria and HAP	РРН	TPY	
None	None	None	
None	None	None	

Applicable Requirements	_
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter,	
his information should also be included.	
None .	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shal be used to demonstrate compliance. If the method is based on a permit or rule, include the condition numbe or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	0 0
Are you in compliance with all applicable requirements for this emission unit? _X_Yes _N	— o
If no, complete the Schedule of Compliance Form as ATTACHMENT F.	

Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission un	
ACR044	REDACTED	None	;
Provide a description of the emi	ssion unit (type, method of operation, de	esign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Buffalo Tank Corp.	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1947	1947	N/A	
Design Canacity (avamples: fur	naces - tons/hr, tanks - gallons):		
Design Capacity (examples: 101 REDACTED	naces - tons/m, tanks - ganons/.		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all ap	plicable fields)		
Does this emission unit combus	t fuel?Yes _X_No	If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input an	d/or maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) an the maximum hourly and annu	d if applicable, the secondary fuel type(al fuel usage for each.	s). For each fuel type l	isted, provide
	be used during the term of the permit.		
Describe each fuel expected to		Max. Ash Content	DTH V-l
Fuel Type	Max. Sulfur Content	Wax. Ash Content	BTU Value
	Max. Sulfur Content	Widx. Ash Content	BIO value
	Max. Sulfur Content	Max. Asii Collecti	BIO value

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _X)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	0.2	0.088	
Hazardous Air Pollutants	Potential Emissions		
	PPH	ТРҮ	
None	None	None	
None	None	None	
None	None	None	
Regulated Pollutants other than	Po	tential Emissions	
Criteria and HAP	РРН	ТРҮ	
None	None	None	
None	None	None	

Applicable Requirements List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: It permit condition numbers alone are not the underlying applicable requirements). If an emission limit calculated based on the type of source and design capacity or if a standard is based on a design para this information should also be included. None	<i>fitle V</i> is	
Permit Shield: N/A		
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting we used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) None	n num	her
Are you in compliance with all applicable requirements for this emission unit?	Yes _	_No
If no, complete the Schedule of Compliance Form as ATTACHMENT F.		

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR046	REDACTED	None	Э
Provide a description of the emission	Lon unit (type, method of operation, des	ign parameters, etc.)	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1939	1939	N/A	
Design Capacity (examples: furnace REDACTED	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operation	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu	el? Yes _X_No	If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and it the maximum hourly and annual f	applicable, the secondary fuel type(s). uel usage for each.	. For each fuel type l	isted, provide
Describe each fuel expected to be u	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _X)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	0.8	0.1075	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
None	None	None	
None	None	None	
None	None	None	
Regulated Pollutants other than	Potential Emissions		
Criteria and HAP	РРН	ТРУ	
None	None	None	
None	None	None	

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, in	clude the
underlying rule/regulation citation and/or construction permit with the condition number.	(Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emiss	sion limit is
calculated based on the type of source and design capacity or if a standard is based on a de	sign parameter,
this information should also be included.	
None	
·	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of dem compliance. If there is not already a required method in place, then a method must be proposed.)	e condition number constrating
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of demonstrate. If there is not already a required method in place, then a method must be proposed. The provided method in place is not already as a required method in place, then a method must be provided method.	e condition number ionstrating oposed.)
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/re be used to demonstrate compliance. If the method is based on a permit or rule, include the or citation. (Note: Each requirement listed above must have an associated method of demonstrate. If there is not already a required method in place, then a method must be pro-	e condition number constrating

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR047	REDACTED	None	;
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
1939	1939	N/A	
Design Capacity (examples: furnac	ces - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	cable fields)		
Does this emission unit combust fu	el?Yes _X_No	If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and i the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.	. For each fuel type l	isted, provide
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		
	РРН	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _x)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	0.014456816	0.06332	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
None	None	None	
Methyl Methacrylate	0.910218847	0.000455109	
None	None	None	
Regulated Pollutants other than Criteria and HAP	Potential	Emissions	
CIRCIA AUG DAS	РРН	TPY	
None	None	None	
None	None	None	

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include the	
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title	le V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	1
calculated based on the type of source and design capacity or if a standard is based on a design param	eter,
this information should also be included.	
None	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting whi be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	ch shall number 0
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting whi be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting whi be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating	number
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting whi be used to demonstrate compliance. If the method is based on a permit or rule, include the condition or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	number

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR128	REDACTED	None	•
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.)	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
RECO Construction	N/A	N/A	
Construction Date:	Installation Date:	Modification Date:	
2013	2013	N/A	
Design Capacity (examples: furnac	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operation	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners:
List the primary fuel type(s) and if the maximum hourly and annual fo	applicable, the secondary fuel type(s). uel usage for each.	For each fuel type l	isted, provide
Describe each fuel expected to be u	sed during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _X)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	2.881493688	0.32416804	
Hazardous Air Pollutants	Potential Emissions		
	PPH	ТРУ	
None	None	None	
None	None	None	
None	None	None	
Regulated Pollutants other than	Potential	Emissions	
Criteria and HAP	PPH	TPY	
None	None	None	
None	None	None	

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement, include	e the
underlying rule/regulation citation and/or construction permit with the condition number. (Not	e: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission li	imit is
calculated based on the type of source and design capacity or if a standard is based on a design	parameter,
this information should also be included.	
None	
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting be used to demonstrate compliance. If the method is based on a permit or rule, include the condor citation. (Note: Each requirement listed above must have an associated method of demonstrate compliance. If there is not already a required method in place, then a method must be proposed None	dition number cating
Are you in compliance with all applicable requirements for this emission unit?	X_YesNo

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR201	REDACTED	ACRCI	01
Provide a description of the emiss	ion unit (type, method of operation, des	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Industrial Alloy Fabricators	None	None	
Construction Date:	Installation Date:	Modification Date:	
1993	1993	IFR Replacement 201	1
Design Capacity (examples: furn	aces - tons/hr. tanks - gallons):		
REDACTED	guine, tonia, it, tunna guine in,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appl	icable fields)		
Does this emission unit combust f		If yes, is it?	
	1 Landau and the control of the cont	Indirect Fired Type and Btu/hr ra	Direct Fired
Maximum design heat input and	or maximum norsepower fating.	Type and Dewn 14	ing or paraers
List the primary fuel type(s) and the maximum hourly and annual	if applicable, the secondary fuel type(s fuel usage for each.). For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

PPH 0 0 0 0 0 0 1.638546784	tial Emissions TPY 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0	0 0 0 0 0 0
0 0 0 0 0	0 0 0 0
0 0 0 0	0 0 0 0
0 0 0	0 0 0
0	0 0
0	0
1 638546784	
1.030370707	0.351117168
Potential Emissions	
РРН	TPY
None	None
1.638546784	0.351117168
None	None
Poter	ntial Emissions
РРН	TPY
	None
	None
	1.638546784 None

Annlicable	Reauirements
/11/1/11/LUI/1C	Meann chiefin

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

45CSR13, R13-1002D, 4.1.1&4.1.2, 45CSR13, R13-1628, A.1, CO-R21-97-31, III.1, CO-R21-97-31, III.2, 40CFR60.116b(a)&(b)&(c), 45CSR16, 40CFR60.662 (c), ,, 40CFR60.115b(2), 40CFR60.665(a), 40CFR60.665(l)(7), 40CFR60.115b(a)(3)&(4)4, 0CFR60.113b(a)(1)&(2)&(3)& (4)

Permit Shield: N/A

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

Annual and 10-year inspections, compliance with the following emission limits shall be demonstrative by test or monitoring data, approved emission factors, material balances, and/or representative calculations in accordance with

Keep records of dimensions and analysis showing the capacity for life of storage vessel.

Keep records of the VOL stored, the period of storage and the maximum true vapor pressure of the VOL during the respective storage period for 2 years.

Tank must be inspected every 5 years.

45CSR21: VOCs 0.19lb/hr 0.505tons/yr.

Maintain daily and monthly records of throughput of the MMA refining unit and shall include rolling 12-month total throughput.

Keep records of inspections with the vessel ID, date and observed condition of each component of the control equipment.

If any condition is 5.3.1.(2) are detected during annual inpsection, a report must be sent to the administrator within 30 days of inspection. Each report shall: identify the storage vessel, nature of defects, date of storage vessel was emptied or nature of and date the repair was made.

If inspection finds holes or tears in seal or seal fabric, or defects in floating roof, a report shall be furnished to administrator within 30 days of inspection. Report shall contain: identify storage vessel, reason it did not meet 40CFR61.112b(a)(1) or condition 5.3.1.(3) and list each repair made.

Are you in compliance with all applicable requirements for this emission unit?

X Yes No

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

W1 + 1 FT + 25 I - 1	Stayona tank		
Emission Unit Description Emission unit ID number:	Storage tank Emission unit name:	List any control devi	
ACR202	REDACTED	None	
Provide a description of the emis	 sion unit (type, method of operation, des	 sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	None	None	
Construction Date:	Installation Date:	Modification Date:	
1936	1936	N/A	
Design Capacity (examples: furn	aces - tons/hr, tanks - gallons):		
REDACTED		la di la constanti	- C-b - J-l-
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Scheaule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all app	licable fields)		
Does this emission unit combust	fuel? Yes X No	If yes, is it?	The same
ng '	or maximum horsepower rating:	Indirect Fired Type and Btu/hr ra	Direct Fire
Maximum design heat input and	or maximum norsepower rating.	Туре ана Веали та	ing of Darkers
List the primary fuel type(s) and the maximum hourly and annua	if applicable, the secondary fuel type(s) I fuel usage for each.). For each fuel type l	isted, provide
Describe each fuel expected to be	e used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data			
Criteria Pollutants	Potential Emissions		
	PPH	ТРҮ	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _x)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	7.608944935	7.038274065	
Hazardous Air Pollutants	Potential Emissions		
	PPH	ТРҮ	
None	None	None	
Methyl Methacrylate	7.608944935	7.038274065	
None	None	None	
Regulated Pollutants other than	Po	tential Emissions	
Criteria and HAP	РРН	TPY	
None	None	None	
None	None	None	

Applicable Requirements	
List all applicable requirements for this emission unit. For each applicable requirement underlying rule/regulation citation and/or construction permit with the condition number permit condition numbers alone are not the underlying applicable requirements). If an ecalculated based on the type of source and design capacity or if a standard is based on this information should also be included. 45CSR13, R13-1002D, 4.1.1&4.1.2	ber. (<i>Note: Title V</i> mission limit is
Permit Shield: N/A	
For all applicable requirements listed above, provide monitoring/testing/recordkeepin	g/reporting which shall
For all applicable requirements listed above, provide monitoring/testing/recordkeepin be used to demonstrate compliance. If the method is based on a permit or rule, includor citation. (Note: Each requirement listed above must have an associated method of compliance. If there is not already a required method in place, then a method must be Maintain daily and monthly records of throughput of the MMA refining unit and shall incluthroughput.	e the condition number demonstrating proposed.)
For all applicable requirements listed above, provide monitoring/testing/recordkeepin be used to demonstrate compliance. If the method is based on a permit or rule, includor citation. (Note: Each requirement listed above must have an associated method of compliance. If there is not already a required method in place, then a method must be Maintain daily and monthly records of throughput of the MMA refining unit and shall include.	e the condition number demonstrating proposed.)
For all applicable requirements listed above, provide monitoring/testing/recordkeepin be used to demonstrate compliance. If the method is based on a permit or rule, includor citation. (Note: Each requirement listed above must have an associated method of compliance. If there is not already a required method in place, then a method must be Maintain daily and monthly records of throughput of the MMA refining unit and shall include.	e the condition number demonstrating proposed.)
For all applicable requirements listed above, provide monitoring/testing/recordkeepin be used to demonstrate compliance. If the method is based on a permit or rule, includor citation. (Note: Each requirement listed above must have an associated method of compliance. If there is not already a required method in place, then a method must be Maintain daily and monthly records of throughput of the MMA refining unit and shall include.	e the condition number demonstrating proposed.)
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For all applicable requirements listed above, provide monitoring/testing/recordkeepin be used to demonstrate compliance. If the method is based on a permit or rule, includor citation. (Note: Each requirement listed above must have an associated method of compliance. If there is not already a required method in place, then a method must be Maintain daily and monthly records of throughput of the MMA refining unit and shall include	e the condition number demonstrating proposed.)

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control dev with this emission un	
ACR203	REDACTED	None	;
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Unknown	None	None	
Construction Date:	Installation Date:	Modification Date:	
1942	1942	N/A	
Design Capacity (examples: furnace REDACTED	ees - tons/hr, tanks - gallons):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operation	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Fire
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and i the maximum hourly and annual f	f applicable, the secondary fuel type(s) uel usage for each.	For each fuel type l	isted, provide
Describe each fuel expected to be	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Detection I	Periodiana
	TPY
	0
0	0
0	0
0	0
0	0
0	0
0	0
2	0.02
Potential Emissions	
РРН	TPY
2	0.02
Potential	Emissions
РРН	TPY
	0 0 0 0 0 2 Potential PPH 2

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
45CSR13, R13-1002D, 4.1.1&4.1.2
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) Maintain daily and monthly records of throughput of the MMA refining unit and shall include rolling 12-month total throughput.
Are you in compliance with all applicable requirements for this emission unit?X_YesNo If no, complete the Schedule of Compliance Form as ATTACHMENT F.

АТ	ΓΑCHMENT E - Emission Unit	Form	
Emission Unit Description	Distillation apparatus		
Emission unit ID number:	Emission unit name:	List any control dev	
ACR204	REDACTED	None	;
Provide a description of the emissi	l on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Vulcan Copper & Supply	None		2733
Construction Date:	Installation Date:	Modification Date:	
1943	1943	N/A	4.000
Design Capacity (examples: furna-	ces - tons/hr, tanks - gallons):		
REDACTED			
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applie	cable fields)		
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Firec
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and i the maximum hourly and annual i	f applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type l	isted, provide
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)	0	0
Nitrogen Oxides (NO _x)	0	0
Lead (Pb)	0	0
Particulate Matter (PM _{2.5})	0	0
Particulate Matter (PM ₁₀)	0	0
Total Particulate Matter (TSP)	0	0
Sulfur Dioxide (SO ₂)	0	0
Volatile Organic Compounds (VOC)	0.089	0.36
Hazardous Air Pollutants	Potential Emissions	
	РРН	ТРҮ
Methyl Methacrylate	0.089	0.36
Regulated Pollutants other than Criteria and HAP	Potential	Emissions
Criteria and HAP	PPH	ТРҮ

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included. 45CSR13, R13-1002D, 4.1.1&4.1.2, 40CSR16, 40CFR60.664(f)&(g) 40CFR60.665(a),(h)&(l)(7)
Permit Shield: N/A For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) Maintain daily and monthly records of throughput of the MMA refining unit and shall include rolling 12-month tota throughput. Calculate the TRE and keep it above 1 without use of VOC emission control device. See 5.2.5 for formula. Keep records of changes to production capacity, feedstock type, catalyst type, replacement, removal, or addition of recovery equipment or a distallation unit. Any recalculation of the TRE index and results of any performance tests. Must recalculate the TRE if there is a process change. If the TRE goes below 1, must notify Director of DAQ within 1 week and shall conduct performance tests to determine compliance with 180days. If the initial TRE is is greater than 8 and the recalculated is less than or = 8 but greater than 1, a performance test must be done. Notify Administrator within 90 days if use an alternative to 40CFR60.662 and a performance test must be completed within 180 days. If comply with requirements of Subpart NNN by complying with 40CFR60.660(c) (4), (5) or (6) or condition 5.1.4 shall submit to the administrator semiannual reports of any recalculation of the TRE index.
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo If no, complete the Schedule of Compliance Form as ATTACHMENT F.
III no, complete the Schedule of Comphance form as All ACHIVLENL F.

ATT	CACHMENT E - Emission Unit	Form	
Emission Unit Description	Jacketed pipe		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	
ACR205	REDACTED	None)
Provide a description of the emission	l on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Dupont	None	None	
Construction Date:	Installation Date:	Modification Date:	
1989	1989	N/A	
Design Capacity (examples: furnac	es - tons/hr, tanks - gallons):		
REDACTED	,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatir	ig Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu		If yes, is it?	
		Indirect Fired	Direct Fired
Maximum design heat input and/o	r maximum horsepower rating:	Type and Btu/hr ra	ting of burners:
List the primary fuel type(s) and it the maximum hourly and annual f	applicable, the secondary fuel type(s). uel usage for each.	For each fuel type l	isted, provide
Describe each fuel expected to be u	used during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value

Emissions Data		
Criteria Pollutants	Potential F	Emissions
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _X)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	See ACR208/9	See ACR208/9
Hazardous Air Pollutants	Potential I	Emissions
	PPH	TPY
See ACR208/9	See ACR208/9	See ACR208/9
See ACR208/9	See ACR208/9	See ACR208/9
See ACR208/9	See ACR208/9	See ACR208/9
Regulated Pollutants other than	Potential 1	<u> </u> Emissions
Criteria and HAP	РРН	TPY
See ACR208/9	See ACR208/9	See ACR208/9
See ACR208/9	See ACR208/9	See ACR208/9

Applicable Requirements	┙
List all applicable requirements for this emission unit. For each applicable requirement, include the	
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V	
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is	1
calculated based on the type of source and design capacity or if a standard is based on a design parameter,	
this information should also be included.	
See ACR208/9	١
Permit Shield: See ACR208/9	
Envaluable requirements listed above provide monitoring/testing/record/seening/renoring Which \$82	
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which sha be used to demonstrate compliance. If the method is based on a permit or rule, include the condition numbe or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR208/9	er
be used to demonstrate compliance. If the method is based on a permit or rule, include the condition numbe or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)	er

AT	FACHMENT E - Emission Unit	Form	
Emission Unit Description	Heat exchanger		,
Emission unit ID number:	Emission unit name:	List any control dev with this emission un	
ACR206	REDACTED	None	;
Provide a description of the emissi	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Alco Products & Andale Co.	None	None	
Construction Date:	Installation Date:	Modification Date:	
1940	1940	N/A	
Design Capacity (examples: furna REDACTED			
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all appli	cable fields)		
Does this emission unit combust fu		If yes, is it?Indirect Fired	Direct Fired
Maximum design heat input and/o	or maximum horsepower rating:	Type and Btu/hr ra	ting of burners
List the primary fuel type(s) and the maximum hourly and annual	f applicable, the secondary fuel type(s) fuel usage for each.	. For each fuel type l	isted, provide
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	Poten	tial Emissions
	PPH	TPY
Carbon Monoxide (CO)	N/A	N/A
Nitrogen Oxides (NO _x)	N/A	N/A
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	N/A	N/A
Particulate Matter (PM ₁₀)	N/A	N/A
Total Particulate Matter (TSP)	N/A	N/A
Sulfur Dioxide (SO ₂)	N/A	N/A
Volatile Organic Compounds (VOC)	See ACR204	See ACR204
Hazardous Air Pollutants	Poter	ntial Emissions
	PPH	ТРҮ
See ACR204	See ACR204	See ACR204
See ACR204	See ACR204	See ACR204
See ACR204	See ACR204	See ACR204
Regulated Pollutants other than	Pote	ntial Emissions
Criteria and HAP	PPH	TPY
See ACR204	See ACR204	See ACR204
See ACR204	See ACR204	See ACR204

Applicable Requirements		
List all applicable requirements for this emission unit. For each applicable requirement, in	clude the	
underlying rule/regulation citation and/or construction permit with the condition number.	(Note: Title V	
permit condition numbers alone are not the underlying applicable requirements). If an emiss	ion limit is	١
calculated based on the type of source and design capacity or if a standard is based on a des	sign parameter,	
this information should also be included.		
See ACR204		
Permit Shield: See ACR204		
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/repbe used to demonstrate compliance. If the method is based on a permit or rule, include the	orting which sha	all i
or citation. (Note: Each requirement listed above must have an associated method of demonstrate. If there is not already a required method in place, then a method must be prosee ACR204	onstrating	er
or citation. (Note: Each requirement listed above must have an associated method of democration of the compliance. If there is not already a required method in place, then a method must be pro-	onstrating	er

Emission Unit Description	Vacuum system		
Emission unit ID number:	Emission unit name:	List any control devi	
ACR207	REDACTED	None	
Provide a description of the emi	ssion unit (type, method of operation, de	esign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Croll Reynolds		0 None	
Construction Date:	Installation Date:	Modification Date:	
1989	1989	N/A	
	to all to the gallone)		
Design Capacity (examples: fur REDACTED	naces - tous/ur, tanks - ganous):		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	O
Fuel Usage Data (fill out all ap)	plicable fields)		
		.,	
Does this emission unit combust		If yes, is it?Indirect Fired	Direct Fire
Does this emission unit combust		1 -	
Does this emission unit combust	fuel?Yes _X_No	Indirect Fired	
Does this emission unit combust Maximum design heat input an	fuel?Yes _X_No d/or maximum horsepower rating: d if applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Does this emission unit combust Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annu-	fuel?Yes _X_No d/or maximum horsepower rating: d if applicable, the secondary fuel type(s	Indirect Fired Type and Btu/hr ra	ting of burners
Does this emission unit combust Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annu-	fuel?Yes _X_No d/or maximum horsepower rating: d if applicable, the secondary fuel type(sal fuel usage for each.	Indirect Fired Type and Btu/hr ra	ting of burners
Does this emission unit combust Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annu-	d/or maximum horsepower rating: d if applicable, the secondary fuel type(sal fuel usage for each.	Indirect Fired Type and Btu/hr ra s). For each fuel type l	isted, provide
Does this emission unit combust Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annu-	d/or maximum horsepower rating: d if applicable, the secondary fuel type(sal fuel usage for each.	Indirect Fired Type and Btu/hr ra s). For each fuel type l	isted, provide
Does this emission unit combust Maximum design heat input and List the primary fuel type(s) and the maximum hourly and annu-	d/or maximum horsepower rating: d if applicable, the secondary fuel type(sal fuel usage for each.	Indirect Fired Type and Btu/hr ra s). For each fuel type l	ting of burners

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	N/A	N/A	
Nitrogen Oxides (NO _x)	N/A	N/A	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	N/A	N/A	
Particulate Matter (PM ₁₀)	N/A	N/A	
Total Particulate Matter (TSP)	N/A	N/A	
Sulfur Dioxide (SO ₂)	N/A	N/A	
Volatile Organic Compounds (VOC)	See ACR204	See ACR204	
Hazardous Air Pollutants	Potential Emissions		
	PPH	ТРҮ	
See ACR204	See ACR204	See ACR204	
See ACR204	See ACR204	See ACR204	
See ACR204	See ACR204	See ACR204	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
See ACR204	See ACR204 See ACR204		
See ACR204	See ACR204	See ACR204	

pplicable Requirements
ist all applicable requirements for this emission unit. For each applicable requirement, include the
nderlying rule/regulation citation and/or <u>construction permit</u> with the condition number. (<i>Note: Title V</i>
ermit condition numbers alone are not the underlying applicable requirements). If an emission limit is
alculated based on the type of source and design capacity or if a standard is based on a design parameter,
his information should also be included.
ee ACR204
2. CL. 11 C ACDOM
Permit Shield: See ACR204
for all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shal
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ne used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) See ACR204
ne used to demonstrate compliance. If the method is based on a permit or rule, include the condition number for citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)

Emission Unit Description	Storage tank		
Emission unit ID number:	Emission unit name:	List any control device with this emission un	
ACR208	REDACTED	None	
Provide a description of the emis	sion unit (type, method of operation, de	sign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Pittsburgh Des Moines Steel	None	None	
Construction Date:	Installation Date:	Modification Date:	
1962	1962	N/A	
Design Capacity (examples: furi	aces - tons/hr, tanks - gallons):		
REDACTED	,		
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operatin	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all app	olicable fields)		
Does this emission unit combust	fuel? Yes X No	If yes, is it? Indirect Fired	Direct Fire
		Type and Btu/hr rat	
Maximum design heat input and	l/or maximum horsepower rating:	Type and Dearming	ing or purners
Maximum design heat input and	l/or maximum horsepower rating:	Type and Dearward	ing of burners
Maximum design heat input and	l/or maximum horsepower rating:		ing of Durner
	d if applicable, the secondary fuel type(:	·	
List the primary fuel type(s) and the maximum hourly and annua	d if applicable, the secondary fuel type(:	·	
List the primary fuel type(s) and the maximum hourly and annua	d if applicable, the secondary fuel type(sal fuel usage for each.	·	
List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	d if applicable, the secondary fuel type(sal fuel usage for each. The used during the term of the permit.	s). For each fuel type li	sted, provide
List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	d if applicable, the secondary fuel type(sal fuel usage for each. The used during the term of the permit.	s). For each fuel type li	sted, provide
List the primary fuel type(s) and the maximum hourly and annual Describe each fuel expected to be	d if applicable, the secondary fuel type(sal fuel usage for each. The used during the term of the permit.	s). For each fuel type li	sted, provide

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _X)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	0.38	1.67	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Methyl Methacrylate	0.38	1.67	
Regulated Pollutants other than	Potentia	l Emissions	
Criteria and HAP	РРН	TPY	

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the
underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
this information should also be included.
45CSR13, R13-1002D, 4.1.1&4.1.2
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.) Maintain daily and monthly records of throughput of the MMA refining unit and shall include rolling 12-month total throughput.
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo

ATTACHMENT E - Emission Unit Form			
Emission Unit Description	Loading rack		
Emission unit ID number:	Emission unit name:	List any control dev with this emission u	:
ACR210	REDACTED	None	;
Provide a description of the emission	on unit (type, method of operation, des	ign parameters, etc.):	
REDACTED			
Manufacturer:	Model Number:	Serial Number:	
Dupont	None	None	
Construction Date:	Installation Date:	Modification Date:	
REDACTED	N/A	N/A	
Design Capacity (examples: furnac	es - tons/hr, tanks - gallons):		
REDACTED			
Maximum Hourly Throughput:	Maximum Annual Throughput:	Maximum Operation	g Schedule:
REDACTED	REDACTED	REDACTED	
Fuel Usage Data (fill out all applic	able fields)		
Does this emission unit combust fu		If yes, is it?	
		Indirect Fired 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		
	РРН	TPY	
Carbon Monoxide (CO)	0	0	
Nitrogen Oxides (NO _x)	0	0	
Lead (Pb)	0	0	
Particulate Matter (PM _{2.5})	0	0	
Particulate Matter (PM ₁₀)	0	0	
Total Particulate Matter (TSP)	0	0	
Sulfur Dioxide (SO ₂)	0	0	
Volatile Organic Compounds (VOC)	0.130275209	0.570605416	
Hazardous Air Pollutants	Potential Emissions		
	РРН	TPY	
Methanol	0,05480797	0.240058907	
Methyl Methacrylate	0.07546724	0.33054651	
None	None	None	
Regulated Pollutants other than Criteria and HAP	Potential Emissions		
	PPH	TPY	
None	None None		
None	None	None	
		<u> </u>	

Applicable Requirements List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter,
permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter,
calculated based on the type of source and design capacity or if a standard is based on a design parameter,
in the control of the control of the included
this information should also be included.
45CSR13, R13-1002D, 4.1.1&4.1.2
Permit Shield: N/A
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which sha be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.) Maintain daily and monthly records of throughput of the MMA refining unit and shall include rolling 12-month tot throughput.
Are you in compliance with all applicable requirements for this emission unit? _X_Yes _N If no, complete the Schedule of Compliance Form as ATTACHMENT F.

Attachment G – Air Pollution Control Device Forms

ATTACHMENT G - Air Pollution Control Device Form			
Control device ID number: ACRCD2	List all emission units associated with this control device. ACR040A		
Manufacturer:	Model number: Installation date:		
НМТ	Unideck Suspended Roof	05/16/2008	
Type of Air Pollution Control Device:			
Baghouse/Fabric Filter	Venturi Scrubber	Multiclone	
Carbon Bed Adsorber	Packed Tower Scrubber	Single Cyclone	
Carbon Drum(s)	Other Wet Scrubber	Cyclone Bank	
Catalytic Incinerator	Condenser	Settling Chamber	
Thermal Incinerator	Flare X	Internal Floating Roof	
Wet Plate Electrostatic Precipitator Dry Plate Electrostatic Precipitator			
List the pollutants for which this dev	ice is intended to control and the ca	pture and control efficiencies.	
Pollutant	Capture Efficiency	Control Efficiency	
Methyl Methacrylate	100 % *	91.2% **	
Methanol	100 % *	95.5% **	
Total VOC's	100 % *	95.1% **	
Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.). Internal Floating Roof — Control of emitted vapors by adjusting effective capacity of tank vapor space to match inventory			
Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes _X No			
If Yes, Complete ATTACHMENT H			
If No, Provide justification. This Control Device is subject to the MON MACT			
Describe the parameters monitored and/or methods used to indicate performance of this control device.			
Annual remote visual inspections, 10-year internal inspection as part of tank inspection, adherence to specified minimum level to avoid formation of vapor space.			

^{*} Capture efficiency: the amount of the contaminated stream that is collected by the control device. This is interpreted as the percentage of the contaminated stream (vapors from stored material) that vents to the atmosphere through the floating roof.

^{**} Control efficiency: the amount of contaminant that is removed from the captured stream by the control device. This is interpreted as the percentage of the component(s) that is (are) prevented from escaping to the atmosphere as a result of the floating roof relative to the amount that would escape if the tank were a standard fixed roof tank.

ATTACHMENT G - Air Pollution Control Device Form			
Control device ID number: ACRCD1	List all emission units associated with this control device. ACR201		
Manufacturer:	Model number:		Installation date:
НМТ	Unideck Floating Roof		2H2011 (replacement)
Type of Air Pollution Control Device:			
Baghouse/Fabric Filter	Venturi Scrubber		Multiclone
Carbon Bed Adsorber	Packed Tower Scrubber	····	Single Cyclone
Carbon Drum(s)	Other Wet Scrubber		Cyclone Bank
Catalytic Incinerator	Condenser		Settling Chamber
Thermal Incinerator	Flare	<u>X_</u>	Internal Floating Roof
Wet Plate Electrostatic Precipitator	-		Dry Plate Electrostatic Precipitator
List the pollutants for which this devi	ce is intended to control and th	ie ca	apture and control efficiencies.
Pollutant	Capture Efficiency		Control Efficiency
Methyl Methacrylate	100 % *		98% **
Explain the characteristic design parameters of this control device (flow rates, pressure drops, number of bags, size, temperatures, etc.).			
Internal Floating Roof – Control of emitted vapors by adjusting effective capacity of tank vapor space to match inventory			
Is this device subject to the CAM requirements of 40 C.F.R. 64? Yes X No			
If Yes, Complete ATTACHMENT H			-
If No, Provide justification. This tank is subject to NSPS Subpart Kb and the MON MACT.			
Describe the parameters monitored and/or methods used to indicate performance of this control device.			
Annual remote visual inspections, 10-year internal inspection as part of tank inspection, adherence to specified minimum level to avoid formation of vapor space.			

^{*} Capture efficiency: the amount of the contaminated stream that is collected by the control device. This is interpreted as the percentage of the contaminated stream (vapors from stored material) that vents to the atmosphere through the floating roof.

^{**} Control efficiency: the amount of contaminant that is removed from the captured stream by the control device. This is interpreted as the percentage of the component(s) that is (are) prevented from escaping to the atmosphere as a result of the floating roof relative to the amount that would escape if the tank were a standard fixed roof tank.