



## 1.0 Emission Units and Active R13, R14, and R19 Permits

### 1.1 Emission Units and Control Devices

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
CM-1001	CM-1001	Caterpillar G3616 LE Compressor Engine C-151 Compressor SN: BLB00753	2012	4,735 hp	Oxidation Catalyst
CM-1002	CM-1002	Caterpillar G3616 LE Compressor Engine C-152 Compressor SN: BLB00752	2012	4,735 hp	Oxidation Catalyst
CM-2001	CM-2001	Caterpillar G3608 LE Compressor Engine Compressor SN: BEN00765	2012	2,370 hp	Oxidation Catalyst
G-1	G-1	Generac MMG80 Emergency Generator: CI	2012	102 hp	None
G-2	G-2	Generac MMG130D Emergency Generator: CI	2015	152 hp	None
DH-001	DH-001	TEG Dehydration Unit Still Vent	2012	120 MMscfd	Flare
		Flash Tank			Reboiler fuel/RCRC
RB-001	RB-001	TEG Dehydration Unit Reboiler	2012	2.0 MMBTU/hr	None
FL-DH	FL-DH	Dehydration Unit Flare	2012	0.70 scf/min	NA
FS-762	FS-762	Main Process/Emergency Flare	2015	68,600 scf/min	NA
TNK-001	TNK-001	4 Storage Tanks (1-500 bbl gunbarrel tank, 3-400 bbl condensate/water tanks)	2012	See Emission Unit Description	VRU
H-751	H-751	Stabilization Heater II	2017	6.35 MMBtu/hr	None
Pressure Vessels	Pressure Vessels	4 - 70,000 gallon NGL Tanks	2012	4@70,000 gallons	Pressure Vessels
<b>Sherwood I Extraction Train</b>					
H-711a	H-711a	Mole Sieve Regeneration Heater	2017	8.76 MMBTU/hr	None
H-771	H-771	Hot Oil Heater	2012	30.04 MMBTU/hr	None
<b>Sherwood II Extraction Train</b>					
H-2711a	H-2711a	Mole Sieve Regeneration Heater	2017	8.76 MMBTU/hr	None
<b>Sherwood III Extraction Train</b>					
H-3711	H-3711	Mole Sieve Regeneration Heater	2013	15.58 MMBTU/hr	None

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
<b>Sherwood IV Extraction Train</b>					
H-4711	H-4711	Mole Sieve Regeneration Heater	2013	18.0 MMBTU/hr	IFGR w/LowNOx Burner
H-4712	H-4712	Hot Oil Heater	2014	6.60 MMBTU/hr	None
<b>Sherwood V Extraction Train</b>					
H-5711	H-5711	Mole Sieve Regeneration Heater	2014	18.00 MMBTU/hr	IFGR w/LowNOx Burner
<b>Sherwood VI Extraction Train</b>					
H-6711	H-6711	Mole Sieve Regeneration Heater	2015	18.00 MMBTU/hr	IFGR w/LowNOx Burner
H-6712	H-6712	Hot Oil Heater	2015	6.60 MMBTU/hr	None
<b>Sherwood VII Extraction Train</b>					
H-7711	H-7711	Mole Sieve Regeneration Heater	2015	18.00 MMBTU/hr	IFGR w/LowNOx Burner
<b>Sherwood VIII Extraction Train</b>					
H-8711	H-8711	Mole Sieve Regeneration Heater	2015	18.00 MMBTU/hr	IFGR w/LowNOx Burner
H-8712	H-8712	Hot Oil Heater	2015	7.20 MMBTU/hr	None
<b>Sherwood IX Extraction Train</b>					
H-9711	H-9711	Mole Sieve Regeneration Heater	2016	18.00 MMBTU/hr	IFGR w/LowNOx Burner
<b>Sherwood X Extraction Train</b>					
H-10711	H-10711	Mole Sieve Regeneration Heater	2017	10.62 MMBTU/hr	None
<b>Sherwood XI Extraction Train</b>					
H-11711	H-11711	Mole Sieve Regeneration Heater	2017	10.62 MMBTU/hr	None
<b>Sherwood XII Extraction Train</b>					
<a href="#">H-12711</a>	<a href="#">H-12711</a>	<a href="#">Mole Sieve Regeneration Heater</a>	<a href="#">2019</a>	<a href="#">10.62 MMBTU/hr</a>	<a href="#">None</a>
<b>Sherwood XIII Extraction Train</b>					
<a href="#">H-13711</a>	<a href="#">H-13711</a>	<a href="#">Mole Sieve Regeneration Heater</a>	<a href="#">2019</a>	<a href="#">10.62 MMBTU/hr</a>	<a href="#">None</a>

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
<b>DeEthanizer I Unit</b>					
D1-H-782	D1-H-782	DeEthanizer HMO Process Heater Configured with 8 burners w/Maximum Heat Release of 14.9 MMBtu/hr for each burner	2015	119.2* MMBTU/hr	FGR w/Low NOx Burner
D1-H-741	D1-H-741	DeEthanizer Regeneration Heater	2015	12.23 MMBTU/hr	None
<b>DeEthanizer II Unit</b>					
H-10768	H-10768	DeEthanizer II HMO Heater	2018	65.43 MMBTU/hr	None
H-10775	H-10775	DeEthanizer II Regeneration Heater	2018	6.05 MMBTU/hr	None
<b>DeEthanizer III Unit</b>					
<a href="#">H-768</a>	<a href="#">H-768</a>	<a href="#">DeEthanizer III HMO Heater</a>	<a href="#">2019</a>	<a href="#">65.4 MMBTU/hr</a>	<a href="#">None</a>
<a href="#">H-775</a>	<a href="#">H-775</a>	<a href="#">DeEthanizer III Regeneration Heater</a>	<a href="#">2019</a>	<a href="#">5.94 MMBTU/hr</a>	<a href="#">None</a>
<b>Tank Farm</b>					
MT-1	MT-1	Methanol Tank	2012	500 gal	None
MT-2	MT-1	Methanol Tank	2012	500 gal	None
MT-3	MT-1	Methanol Tank	2012	500 gal	None
MT-4	MT-1	Methanol Tank	2012	500 gal	None
MT-5	MT-1	Methanol Tank	2012	500 gal	None
MT-6	MT-1	Methanol Tank	2012	500 gal	None
MT-7	MT-1	Methanol Tank	2012	500 gal	None
MT-8	MT-1	Methanol Tank	2012	500 gal	None
MT-9	MT-9	Methanol Tank	2018	500 gal	None
MT-10	MT-10	Methanol Tank	2018	500 gal	None
MT-11	MT-11	Methanol Tank	2018	500 gal	None
GT-1	GT-1	Gasoline Tank	2012	500 gal	None
DT-1	DT-1	Diesel Tank	2012	500 gal	None
DT-2	DT-2	Diesel Tank	2012	500 gal	None
TK-825	TK-825	Floor Drain Storage Tank	2012	4,200 gal	None
TK-826	TK-826	Lube Oil Storage Tank	2012	4,200 gal	None
TK-824	TK-824	Floor Drain Storage Tank	2012	4,200 gal	None
TK-2821	TK-2821	Methanol Storage Tank	2012	3,780 gal	None
TK-2941	TK-2941	Lube Oil Storage Tank	2012	1,000 gal	None
TK-2896	TK-2896	Floor Drain Storage Tank	2012	500 gal	None
TK-2950	TK-2950	Propane Storage Tank	2012	500 gal	None
		Truck Loading Condensate	2012		Vapor Return line to VRU
CC	CC	Crankcase Emissions	2012	NA	NA
RP	RP	Rod Packing Emissions	2012	NA	NA
FUG-001	FUG-001	Fugitive Leaks	2012-20149	NA	NA

\* - Normal Maximum Heat Release Rate of the burners

FGR - Flue Gas Recirculation

IFGR - Integrated Flue Gas Recirculation

RCRC – Recycle or recompression

VRU – Vapor Recovered Unit

Emission Point ID	Control Device	Emission Unit	Pollutant	Control Efficiency
CM-1001 CM-1002	Oxidation Catalyst	Caterpillar G3616 LE Compressor Engines	Carbon Monoxide	95 %
			Volatile Organic Compounds	75 %
			Formaldehyde	90 %
CM-2001	Oxidation Catalyst	Caterpillar G3608 Compressor Engine	Carbon Monoxide	95 %
			Volatile Organic Compounds	75 %
			Formaldehyde	90 %
FL-DH	Dehy Flare	TEG Dehydration Unit Still Vent	Volatile Organic Compounds	98 %
			Total Hazardous Air Pollutants	98 %
FS-762	Flare	Main Process/Emergency Flare (Unit Blowdown & Maintenance Purposes)	Volatile Organic Compounds	98 %
			Total Hazardous Air Pollutants	98 %
TNK-001	Vapor Recovery Unit	Condensate Storage Tanks	Volatile Organic Compounds	98 %
			Total Hazardous Air Pollutants	98 %

### 1.2. Active R13, R14, and R19 Permits

The underlying authority for any conditions from R13, R14, and/or R19 permits contained in this operating permit is cited using the original permit number (e.g. R13-1234). The current applicable version of such permit(s) is listed below.

Permit Number	Date of Issuance
R13-2914GH	<del>March 16, 2018</del> February 21, 2019

- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 C.F.R. § 82.161.

**[40 C.F.R. 82, Subpart F]**

- 3.1.8. **Risk Management Plan.** Should this stationary source, as defined in 40 C.F.R. § 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 C.F.R. § 68.10 and shall certify compliance with the requirements of Part 68 as part of the annual compliance certification as required by 40 C.F.R. Part 70 or 71.

**[40 C.F.R. 68]**

- 3.1.9. **Operation and Maintenance of Air Pollution Control Equipment.** The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.0 and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.

**[45CSR§13-5.140.; 45CSR13, R13-2914, Conditions 4.1.5., 5.1.4., and 8.1.4.]**

- 3.1.10. The fuel gas (residue gas) for the facility shall not exceed the following on a rolling 12-month basis:

- a. Total VOCs content of the gas greater than 1% by weight.
- b. Hydrogen sulfide or total sulfur compounds greater than 4 grain per 100 cubic feet of gas.

**[45CSR13, R13-2914, Condition 3.1.7.]**

### **3.2. Monitoring Requirements**

- 3.2.1. The permittee shall analysis the fuel gas for the facility once per month. Such analysis shall determine the net heating value, percentage of VOC in the fuel gas. Such analysis shall be maintained in accordance with Condition 3.4.2.

**[45CSR13, R13-2914, Condition 3.2.1.]**

- 3.2.2. For the purpose of demonstrating compliance with Conditions 3.1.10., 5.1.2.c., and 5.1.3.f.4., the permittee shall conduct gas sampling at a point that is representative of the incoming field gas and analyzing the sample to determine the hydrogen sulfide content of the sample. At the minimum, such sampling and analysis shall be conducted once per year and thereafter. Once per year shall mean between 11 months to 13 months from the previous gas sampling. Records of such monitoring shall be maintained in accordance with Condition 3.4.2. of this permit.

**[45CSR§10-8.3.a.; 45CSR13, R13-2914, Condition 3.2.2.]**

### **3.3. Testing Requirements**

- 3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner

- g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

[45CSR13, R13-2914, Conditions 4.4.3., 5.4.2., and 8.4.3.]

### 3.5. Reporting Requirements

- 3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.  
[45CSR§§30-4.4. and 5.1.c.3.D.]
- 3.5.2. A permittee may request confidential treatment for the submission of reporting required under 45CSR§30-5.1.c.3. pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.  
[45CSR§30-5.1.c.3.E.]
- 3.5.3. Except for the electronic submittal of the annual compliance certification and semi-annual monitoring reports to the DAQ and USEPA as required in 3.5.5 and 3.5.6 below, all notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class or by private carrier with postage prepaid to the address(es), or submitted in electronic format by e-mail as set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

#### DAQ:

Director  
WVDEP  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

#### US EPA:

~~Associate Director~~  
~~Office of Air Enforcement and Compliance Assistance~~  
~~(3AP20)~~  
~~Section Chief~~  
U. S. Environmental Protection Agency, Region III  
~~Enforcement and Compliance Assurance Division~~  
~~Air Section (3ED21)~~  
1650 Arch Street  
Philadelphia, PA 19103-2029

#### DAQ Compliance and Enforcement<sup>1</sup>:

DEPAirQualityReports@wv.gov

<sup>1</sup>For all self-monitoring reports (MACT, GACT, NSPS, etc.), stack tests and protocols, Notice of Compliance Status reports, Initial Notifications, etc.

- 3.5.4. **Certified emissions statement.** The permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality.  
[45CSR§30-8.]
- 3.5.5. **Compliance certification.** The permittee shall certify compliance with the conditions of this permit on the forms provided by the DAQ. In addition to the annual compliance certification, the permittee may be required

**[45CSR§30-5.1.c.3.C.]**

- b. The permittee shall, in the reporting of deviations from permit requirements, including those attributable to upset conditions as defined in this permit, report the probable cause of such deviations and any corrective actions or preventive measures taken in accordance with any rules of the Secretary.

**[45CSR§30-5.1.c.3.B.]**

- 3.5.9. **New applicable requirements.** If any applicable requirement is promulgated during the term of this permit, the permittee will meet such requirements on a timely basis, or in accordance with a more detailed schedule if required by the applicable requirement.

**[45CSR§30-4.3.h.1.B.]**

**3.6. Compliance Plan**

- 3.6.1. N/A

**3.7. Permit Shield**

- 3.7.1. The permittee is hereby granted a permit shield in accordance with 45CSR§30-5.6. The permit shield applies provided the permittee operates in accordance with the information contained within this permit.

- 3.7.2. The following requirements specifically identified are not applicable to the source based on the determinations set forth below. The permit shield shall apply to the following requirements provided the conditions of the determinations are met.

- a. 40 C.F.R. 60 Subpart Dc - The Mole Sieve Regeneration Heaters (H-711a, H-2711a, H-3711, H-4711, H-5711, H-6711, H-7711, H-8711, H-9711, H-10711, ~~and~~ H-11711, [H-12711](#), and [H-13711](#)) meet the definition of process heaters under 40 C.F.R. 60 subpart Dc. Thus, they are excluded as affected units (per definition of steam generating unit) under this regulation.

## 5.0 Production Gas Dehydration Unit [emission unit/point ID(s): DH-001, RB-001]

### 5.1. Limitations and Standards

- 5.1.1. The permittee shall install, operate and maintain the production gas dehydration unit in accordance with the following requirements:
- a. For the purposes of limiting emissions of benzene from the still vent of the regenerator to less than 1.0 ton per year, the permittee shall limit throughput of gas through the unit as stated in item b of this condition and route the still vent into a closed vent system to a control device. [45CSR34; 40CFR§63.764(e)(1)(ii)]
  - b. The maximum amount of wet natural gas processed through the dehydration unit shall not exceed 120 MMscf per day. Compliance with this limit shall be determined using the daily throughput averaged on a monthly basis.
  - c. The flash tank off gas of the dehydration unit shall either be routed ~~into a closed vent system~~ to the ~~pilot light and burner of the reboiler as fuel gas~~ plant flare or recycled for recompression while the dehydration unit is in operation.
  - d. Vapors from the regenerator still vent shall be vented into a closed vent system which is routed to a ~~control device that is identified as either the~~ Dehydration Unit Flare (FL-DH) or plant flare. Such control vent system shall be maintained in such a manner to be free of leaks. A leaking component is defined as a measured instrument reading greater than 500 ppm above background or by visual inspection. Monitoring of the closed vent system shall be conducted in accordance with 40 CFR §60.482-10a(f)(1). [45CSR16; 40 CFR §60.5400(a), 40 CFR §60.482-10a(g)]
- [45CSR13, R13-2914, Condition 5.1.1.]
- 5.1.2. The permittee shall operate and maintain the reboiler for the dehydration unit in accordance with the following emission limitations and operating parameters.
- a. Emissions of VOC from the emission point RB-001 shall not exceed 0.66 pounds per hour. Annual VOC emissions shall not exceed 2.89 tons per year on a 12-month rolling total.
  - b. Total hazardous air pollutants (HAPs), which include BTEX, from emission point RB-001 shall not exceed 0.02 pounds per hour. Annual Total HAP emissions from RB-001 shall not exceed 0.1 tons per year on a 12-month rolling total.
  - c. Sulfur dioxide emissions from RB-001 shall not exceed 0.19 pounds per hour. Compliance with this emission limit is satisfied by limiting the hydrogen sulfide (H<sub>2</sub>S) loading of the incoming natural gas to the facility to be no greater than 4.0 grains of H<sub>2</sub>S per 100 cubic feet of natural gas or 65 ppm of H<sub>2</sub>S by volume.  
[45 CSR §10-5.1.]
  - d. The permittee shall operate and maintain the reboiler in a manner to minimize emissions. Such operation of the flare shall constitute the following:
    1. The pilot light for the reboiler shall be lit at all times when glycol is circulating in the dehydration unit. The fuel source for the pilot light shall be the flash tank off gas of the dehydrator or fuel (residue) gas.

**6.0 Process Heaters [emission point ID(s): H-751, H-711a, H-771, H-2711a, H-3711, H-4711, H-4712, H-5711, H-6711, H-6712, H-7711, H-8711, H-8712, H-9711, H-10711, H-11711, H-12711, H-13711, D1-H-782, D1-H-741, H-10768, H-10775, H-768, H-775]**

**6.1. Limitations and Standards**

6.1.1. Maximum Design Heat Input. The maximum design heat input (MDHI) for each of the heaters shall not exceed the following:

<b>Table 6.1.1. — List Heaters</b>			
Emission Unit ID#	Heater Description	MDHI (MMBTU/hr)	Annual Heat Input (MMBTU/yr)
H-711a	Mole Sieve Regeneration Heater <sup>1</sup>	8.76	76,737.60
H-2711a	Mole Sieve Regeneration Heater <sup>1</sup>	8.76	76,737.60
H-3711	Mole Sieve Regeneration Heater <sup>2</sup>	15.58	68,853.60
H-771	Hot Oil Heater	30.04	247,470.00
H-4711	Mole Sieve Regeneration Heater <sup>2</sup>	18.00	157,680.00
H-5711	Mole Sieve Regeneration Heater <sup>2</sup>	18.00	157,680.00
H-6711	Mole Sieve Regeneration Heater <sup>2</sup>	18.00	157,680.00
H-7711	Mole Sieve Regeneration Heater <sup>2</sup>	18.00	157,680.00
H-8711	Mole Sieve Regeneration Heater <sup>2</sup>	18.00	157,680.00
H-9711	Mole Sieve Regeneration Heater <sup>2</sup>	18.00	157,680.00
H-10711	Mole Sieve Regeneration Heater <sup>2</sup>	10.62	93,031.20
H-11711	Mole Sieve Regeneration Heater <sup>2</sup>	10.62	93,031.20
<u>H-12711</u>	<u>Mole Sieve Regeneration Heater<sup>2</sup></u>	<u>10.62</u>	<u>93,031.20</u>
<u>H-13711</u>	<u>Mole Sieve Regeneration Heater<sup>2</sup></u>	<u>10.62</u>	<u>93,031.20</u>
H-6712	Hot Oil Heater	6.60	57,816.00
H-4712	Hot Oil Heater	6.60	57,816.00
H-8712	Hot Oil Heater	7.20	63,072.00
H-751	Stabilization Heater	6.35	55,626.00
D1-H-782	DeEthanizer I HMO Heater <sup>3</sup>	119.2	1,044,192.00
H-10768	DeEthanizer <u>H II</u> HMO Heater <sup>2</sup>	65.43	573,166.80
<u>H-768</u>	<u>DeEthanizer III HMO Heater<sup>2</sup></u>	<u>65.4</u>	<u>573,166.80</u>
D1-H-741	DeEthanizer I Regen Heater <sup>2</sup>	12.23	107,134.80
H-10775	DeEthanizer II Regen Heater <sup>1</sup>	6.05	52,998.00
<u>H-775</u>	<u>DeEthanizer III Regen Heater<sup>1</sup></u>	<u>5.94</u>	<u>52,034.40</u>
Total Maximum Design Heat Input		<u>412.53</u> <u>483.87</u>	<u>3,313,762.80</u> <u>3,938,964.0</u>

- 1 - Denotes the heater is a process heater per 45 CSR §2-2.26.
- 2 - Denotes the heater is a process heater per 45 CSR §2-2.26 and 40 CFR §60.41c.
- 3 - Denotes the unit is a process heater per 45 CSR §2-2.26 and 40 CFR §60.41c and 40 CFR §60.41b.

**[45CSR13, R13-2914, Condition 6.1.1.]**

6.1.2. The following heaters shall not exhibit visible emissions greater than 10 percent opacity on a six-minute block average: H-751, H-771, H-4712, H-6712 and H-8712.

**[45CSR§2-3.1.; 45CSR13, R13-2914, Condition 6.1.2.]**

- 6.1.3. The permittee shall not exceed the following limits of annual emissions from combined heaters listed in Table 6.1.1:
- a. Emissions of NO<sub>x</sub> shall not exceed ~~65.57~~ 81.79 tpy;
  - b. Emissions of CO shall not exceed ~~78.98~~ 95.2 tpy; and
  - c. Emissions of VOCs shall not exceed ~~9.94~~ 12.12 tpy.

Compliance with these emissions limits shall be satisfied by complying with Conditions 6.1.4., 6.1.5., and 6.1.6.

**[45CSR13, R13-2914, Condition 6.1.3.]**

- 6.1.4. All of the fuel burning units listed in Table 6.1.1. shall be limited to using residue gas that complies with the requirements of Condition 3.1.10. Complying with this condition satisfies compliance with Condition 6.1.2. the use of residue gas in these emission units satisfies compliance with the limitations of 45CSR§2-3.1., 45CSR§2-4.1.b., and 45CSR§10-3.3.f.

**[45CSR§2-8.4.b.; 45CSR§2A-3.1.a., 45CSR§10-10.3., and 45CSR§10A-3.1.b.; 45CSR13, R13-2914, Condition 6.1.4.] (H-751, H-771, H-4712, H-6712, H-8712)**

- 6.1.5. The permittee shall conduct tune-up of all the heaters that are listed in Condition 6.1.1. that have a MDHI of 5.0 MMBtu/hr or greater once every three years in accordance with the following:
- a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (permittee may delay the burner inspection until the next scheduled unit shutdown). At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;
  - b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;
  - c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the permittee may delay the inspection until the next scheduled unit shutdown);
  - d. Optimize total emissions of CO to a concentration not to exceed 50 ppm. This optimization should be consistent with the manufacturer's specifications, which includes the manufacturer's NO<sub>x</sub> concentration specification of not to exceed 30 ppm, except for Heaters H-6712 H-4712, H-8712, which is not to exceed a NO<sub>x</sub> concentration of 33 ppm.
  - e. Measure the concentrations in the effluent stream of NO<sub>x</sub> and CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

**[45CSR13, R13-2914, Condition 6.1.5.]**

## 7.0 Storage Tanks [emission point ID(s): TNK-001]

### 7.1. Limitations and Standards

- 7.1.1. Combined total VOC emissions from the storage tanks (4 Storage Tanks (1-500 bbl gunbarrel tank, 3-400 bbl condensate/water tanks)) shall not exceed 9.6 tpy. Compliance with this limit shall be satisfied by compliance with Condition 7.1.2.  
[45CSR13, R13-2914, Condition 7.1.1.]
- 7.1.2. The permittee shall install [either](#) and operate prior to start-up of the [condensate/water](#) storage tanks a vapor recovery unit (VRU) system while any of the respective vessels (1-500 bbl gunbarrel tank & 3-400 bbl condensate/water tanks) are in service, which include vessels that are empty but not degassed, and recompress the vapors back into a pipeline segment [or route said vapors from the condensate/water storage tanks to the Plant Flare](#). Such [Flare or](#) VRU system, which includes the closed vent system and storage vessels, shall meet the following requirements:  
[40 CFR §60.5365(e)(3)]
- a. The cover and all openings on the cover (e.g., access hatches, sampling ports, pressure relief valves and gauge wells) shall form a continuous impermeable barrier over the entire surface area of the liquid in the storage vessel or wet seal fluid degassing system.  
[40 CFR §60.5411(b)(1)]
  - b. Each cover opening shall be secured in a closed, sealed position (e.g., covered by a gasketed lid or cap) whenever material is in the unit on which the cover is installed except during those times when it is necessary to use an opening as follows:
    - i. To add material to, or remove material from the unit (this includes openings necessary to equalize or balance the internal pressure of the unit following changes in the level of the material in the unit);
    - ii. To inspect or sample the material in the unit;
    - iii. To inspect, maintain, repair, or replace equipment located inside the unit; or
    - iv. To vent liquids, gases, or fumes from the unit through a closed-vent system designed and operated in accordance with the requirements of 40 CFR §60.5411(a) or (c) to a control device or to a process.  
[40 CFR §60.5411(b)(2)]
  - c. Each storage vessel thief hatch shall be equipped, maintained and operated with a weighted mechanism or equivalent, to ensure that the lid remains properly seated. The permittee must select gasket material for the hatch based on composition of the fluid in the storage vessel and weather conditions.  
[40 CFR §60.5411(b)(3)]
  - d. The closed vent system shall be designed to route all gases, vapors, and fumes emitted from the material in the storage vessels to a control device that meets the requirements specified in §60.5412(c) and (d), or to a process.  
[40 CFR §60.5411(c)(1)]
  - e. The permittee must design and operate a closed vent system with no detectable emissions, as determined using olfactory, visual and auditory inspections. Each closed vent system that routes emissions to a process must be operational 98 percent of the year or greater. Such system shall meet the requirements of Condition 8.1.2.

## 8.0 Gas Processing Units & LDAR Program

### 8.1. Limitations and Standards

8.1.1. LDAR requirements are given in the following:

- a. All groups of equipment located within Plants I through VI and the inlet station that are in VOC service are subject to the applicable LDAR requirements as given in 40 CFR 60, Subpart OOOO. All groups of equipment located within Plants VII through XIII and the DeEthanizer I, II, and III units that are in VOC service are subject to the applicable LDAR requirements as given in 40 CFR 60, Subpart OOOOa;
- b. In addition to applicable Subpart OOOO or Subpart OOOOa requirements, to enforce the LDAR control percentages used to calculate potential fugitive VOC/HAP emissions from the process and piping components, the permittee shall meet the LDAR requirements as given in the attached (Appendix A) Texas Commission on Environmental Quality (TCEQ) document that sets specific requirements for the TCEQ 28VHP program; and
- c. Non-control valves that are identified as "chronic leaker" shall be replaced with a Certified Low-leaking Valve or repack with Low-leaking Packing that is commercially available during the next schedule process turnaround once the valve has been identified as a "chronic leaker". A "chronic leaker" is defined as any non-control valve which leaks above 10,000 ppm or any visible emission that may otherwise be invisible to the naked eye using an OGI after three attempts at repair.

[45CSR13, R13-2914, Condition 8.1.1.]

8.1.2. The closed vent system that is used to route any pressure relief devices in VOC service at the facility to control device Flare FS-762 or back to a process shall be installed, maintained and operated in accordance with the closed vent requirements under 40 CFR 60, Subpart OOOOa.

[45CSR13, R13-2914, Condition 8.1.2.]

8.1.3. Flare FS-762 shall be designed and operated in accordance with the following:

- a. The main flare shall be an air-assisted flare with a piggy-back to a non-assisted flare. [40 CFR §60.18(c)(6) & §60.482-10a(d)]
- b. Both flares shall be designed for and operated with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. [40 CFR §60.18(c)(1)]
- c. Both flares shall be operated with a flame present at all times whenever emissions may be vented to them. [40 CFR §60.18(c)(2)]
- d. The net heating value of the effluent going to the flare shall be 1,000 Btu per scf or greater. [40 CFR §§60.18(c)(3)(ii) & (c)(4)(ii)]
- e. The main flare tip exit velocity shall not exceed 253.5 feet per second. [40CFR §60.18(c)(5)]
- f. The piggy-back flare tip exit velocity shall not fall below 60 feet per second and not exceed 144 feet per second. [40 CFR §60.18(c)(4)(ii)]

- g. The maximum flow rate to the flare system shall not exceed 1.674 MMscf per hour and ~~168.09~~ 206.75 MMscf per year.
- h. The total emissions from the flare shall not exceed the following limits:
  - 1. Emissions of NOx shall not exceed 140.85 pounds per hour and ~~7.17~~ 8.70 tpy.
  - 2. Emissions of CO shall not exceed ~~642.03~~ 641.93 pounds per hour and ~~32.32~~ 39.64 tpy.
  - 3. Emissions of VOC shall not exceed ~~12.50~~ 15.37 tpy.
  - 4. Total HAPs shall not exceed ~~0.24~~ 0.30 tpy.

**[45CSR13, R13-2914, Condition 8.1.3.]**

**8.1.4. What equipment leak standards apply to affected facilities at an onshore natural gas processing plant?**

This section applies to the group of all equipment, except compressors, within a process unit.

The following requirements apply to equipment located within Plants I through VI:

- a. The permittee must comply with the requirements of 40CFR §§ 60.482-1a(a), (b), and (d), 60.482-2a, and 60.482-4a through 60.482-11a, except as provided in 40CFR§60.5401.
- b. The permittee may elect to comply with the requirements of 40CFR §§ 60.483-1a and 60.483-2a, as an alternative.
- c. The permittee may apply to the Administrator for permission to use an alternative means of emission limitation that achieves a reduction in emissions of VOC at least equivalent to that achieved by the controls required in this subpart according to the requirements of 40CFR§60.5402 of this subpart.
- d. The permittee must comply with the provisions of 40CFR§60.485a of this part except as provided in paragraph (f) of this section.
- e. The permittee must comply with the provisions of 40CFR §§ 60.486a and 60.487a of this part except as provided in 40CFR §§ 60.5401, 60.5421, and 60.5422 of 40CFR60, Subpart OOOO.
- f. The permittee must use the following provision instead of 40CFR§60.485a(d)(1): Each piece of equipment is presumed to be in VOC service or in wet gas service unless an owner or operator demonstrates that the piece of equipment is not in VOC service or in wet gas service. For a piece of equipment to be considered not in VOC service, it must be determined that the VOC content can be reasonably expected never to exceed 10.0 percent by weight. For a piece of equipment to be considered in wet gas service, it must be determined that it contains or contacts the field gas before the extraction step in the process. For purposes of determining the percent VOC content of the process fluid that is contained in or contacts a piece of equipment, procedures that conform to the methods described in ASTM E169-93, E168-92, or E260-96 (incorporated by reference as specified in 40CFR§60.17) must be used.

The following requirements apply to equipment located within Plants VII through XIII and the DeEthanizer I, II, and III units that are in VOC service:

- g. The permittee must comply with the requirements of 40CFR§§60.482-1a(a), (b), and (d), 60.482-2a, and 60.482-4a through 60.482-11a, except as provided in 40CFR§60.5401a.

- c. Sampling connection systems are exempt from the requirements of § 60.482-5a.
- d. Pumps in light liquid service, valves in gas/vapor and light liquid service, and pressure relief devices in gas/vapor service that are located at a nonfractionating plant that does not have the design capacity to process 283,200 standard cubic meters per day (scmd) (10 million standard cubic feet per day) or more of field gas are exempt from the routine monitoring requirements of §§60.482-2a(a)(1), 60.482-7a(a), 60.482-11a(a), and paragraph (b)(1) of this section
- e. Pumps in light liquid service, valves in gas/vapor and light liquid service, and pressure relief devices in gas/vapor service, and connectors in gas/vapor service and in light liquid service within a process unit that is located in the Alaskan North Slope are exempt from the routine monitoring requirements of §§60.482-2a(a)(1), 60.482-7a(a), 60.482-11a(a), and paragraph (b)(1) of this section
- f. An owner or operator may use the following provisions instead of § 60.485a(e):
  - 1. Equipment is in heavy liquid service if the weight percent evaporated is 10 percent or less at 150 °C (302 °F) as determined by ASTM Method D86-96 (incorporated by reference as specified in § 60.17).
  - 2. Equipment is in light liquid service if the weight percent evaporated is greater than 10 percent at 150 °C (302 °F) as determined by ASTM Method D86-96 (incorporated by reference as specified in § 60.17).
- g. An owner or operator may use the following provisions instead of § 60.485a(b)(2): A calibration drift assessment shall be performed, at a minimum, at the end of each monitoring day. Check the instrument using the same calibration gas(es) that were used to calibrate the instrument before use. Follow the procedures specified in Method 21 of appendix A-7 of this part, Section 10.1, except do not adjust the meter readout to correspond to the calibration gas value. Record the instrument reading for each scale used as specified in § 60.486a(e)(8). Divide these readings by the initial calibration values for each scale and multiply by 100 to express the calibration drift as a percentage. If any calibration drift assessment shows a negative drift of more than 10 percent from the initial calibration value, then all equipment monitored since the last calibration with instrument readings below the appropriate leak definition and above the leak definition multiplied by (100 minus the percent of negative drift/divided by 100) must be re-monitored. If any calibration drift assessment shows a positive drift of more than 10 percent from the initial calibration value, then, at the owner/operator's discretion, all equipment since the last calibration with instrument readings above the appropriate leak definition and below the leak definition multiplied by (100 plus the percent of positive drift/divided by 100) may be re-monitored.

The following requirements apply to equipment located within Plants VII through XIII and the DeEthanizer I, II, and III units that are in VOC service:

- h. The permittee may comply with the following exceptions to the provisions of §60.5400a(a) and (b).
  - i. 1. Each pressure relief device in gas/vapor service may be monitored quarterly and within 5 days after each pressure release to detect leaks by the methods specified in §60.485a(b) except as provided in §60.5400a(c) and in paragraph (b)(4) of this section, and §60.482-4a(a) through (c) of subpart VVa of this part.
  - 2. If an instrument reading of 500 ppm or greater is measured, a leak is detected.
  - 3. i. When a leak is detected, it must be repaired as soon as practicable, but no later than 15 calendar days after it is detected, except as provided in §60.482-9a.

- a. If, in the Administrator's judgment, an alternative means of emission limitation will achieve a reduction in VOC emissions at least equivalent to the reduction in VOC emissions achieved under any design, equipment, work practice or operational standard, the Administrator will publish, in the Federal Register, a notice permitting the use of that alternative means for the purpose of compliance with that standard. The notice may condition permission on requirements related to the operation and maintenance of the alternative means.
- b. Any notice under paragraph (a) of this section must be published only after notice and an opportunity for a public hearing.
- c. The Administrator will consider applications under this section from either owners or operators of affected facilities, or manufacturers of control equipment.
- d. The Administrator will treat applications under this section according to the following criteria, except in cases where the Administrator concludes that other criteria are appropriate:
  1. The applicant must collect, verify and submit test data, covering a period of at least 12 months, necessary to support the finding in paragraph (a) of this section.
  2. If the applicant is an owner or operator of an affected facility, the applicant must commit in writing to operate and maintain the alternative means so as to achieve a reduction in VOC emissions at least equivalent to the reduction in VOC emissions achieved under the design, equipment, work practice or operational standard.

The following requirements apply to equipment located within Plants VII through XII and the DeEthanizer I, II, and III units that are in VOC service:

- e. If, in the Administrator's judgment, an alternative means of emission limitation will achieve a reduction in GHG and VOC emissions at least equivalent to the reduction in GHG and VOC emissions achieved under any design, equipment, work practice or operational standard, the Administrator will publish, in the Federal Register, a notice permitting the use of that alternative means for the purpose of compliance with that standard. The notice may condition permission on requirements related to the operation and maintenance of the alternative means.
- f. Any notice under paragraph (e) of this section must be published only after notice and an opportunity for a public hearing.
- g. The Administrator will consider applications under this section from either owners or operators of affected facilities, or manufacturers of control equipment.
- h. An application submitted under paragraph (g) of this section must meet the following criteria:
  1. The applicant must collect, verify and submit test data, covering a period of at least 12 months, necessary to support the finding in paragraph (e) of this section.
  2. The application must include operation, maintenance and other provisions necessary to assure reduction in methane and VOC emissions at least equivalent to the reduction in methane and VOC emissions achieved under the design, equipment, work practice or operational standard in paragraph (e) of this section by including the information specified in paragraphs (h)(1)(i) through (x) of this section.
    - i. A description of the technology or process.

- a. The general information specified in paragraphs (a)(i) through (iv) of this section.
  - i. The company name and address of the affected facility.
  - ii. An identification of each affected facility being included in the annual report.
  - iii. Beginning and ending dates of the reporting period.
  - iv. A certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[45CSR16; 40CFR§60.5420(b)(1)]

8.5.2. **Reporting requirements (Plants VII through XII and the DeEthanizer I, II, and III Units).** The permittee must submit annual reports containing the information specified in paragraph (a) of this section and performance test reports as specified in paragraph (b) of this section. The permittee must submit annual reports following the procedure specified in 40CFR§60.5420a(b)(11). The initial annual report is due no later than 90 days after the end of the initial compliance period as determined according to 40CFR§60.5410a. Subsequent annual reports are due no later than same date each year as the initial annual report. If the permittee owns or operates more than one affected facility, the permittee may submit one report for multiple affected facilities provided the report contains all of the information required as specified in 40CFR§§60.5420a (b)(1) through (8), except as provided in paragraph 40CFR§§60.5420a(b)(13). Annual reports may coincide with title V reports as long as all the required elements of the annual report are included. The permittee may arrange with the Administrator a common schedule on which reports required by this part may be submitted as long as the schedule does not extend the reporting period.

- a. The general information specified in paragraphs (a)(1) through (4) of this section for all reports.
  1. The company name, facility site name associated with the affected facility, US Well ID or US Well ID associated with the affected facility, if applicable, and address of the affected facility. If an address is not available for the site, include a description of the site location and provide the latitude and longitude coordinates of the site in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983.
  2. An identification of each affected facility being included in the annual report.
  3. Beginning and ending dates of the reporting period.
  4. A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- b. The permittee must submit reports to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX (<https://cdx.epa.gov/>). The permittee must use the appropriate electronic report in CEDRI for this subpart or an alternate electronic file format consistent with the extensible markup language (XML) schema listed on the CEDRI Web site (<https://www3.epa.gov/ttn/chief/cedri/>). If the reporting form specific to 40CFR60, Subpart OOOOa is not available in CEDRI at the time that the report is due, you must submit the report to the Administrator at the appropriate address listed in §60.4. Once the form has been available in CEDRI for at least 90 calendar days, you must begin submitting all subsequent

reports via CEDRI. The reports must be submitted by the deadlines specified in this subpart, regardless of the method in which the reports are submitted.

**[45CSR16; 40CFR§§60.5420a(b)(1) and (b)(11)]**

- 8.5.3. What are my additional reporting requirements for my affected facility subject to VOC requirements for onshore natural gas processing plants?
- a. The permittee must comply with the requirements of paragraphs (b) and (c) of this section in addition to the requirements of 40CFR§§60.487a(a), (b), (c)(2)(i) through (iv), and (c)(2)(vii) through (viii).
  - b. An owner or operator must include the following information in the initial semiannual report in addition to the information required in 40CFR§§60.487a(b)(1) through (4): Number of pressure relief devices subject to the requirements of 40CFR§60.5401(b) except for those pressure relief devices designated for no detectable emissions under the provisions of 40CFR§60.482-4a(a) and those pressure relief devices complying with 40CFR§60.482-4a(c).
  - c. An owner or operator must include the following information in all semiannual reports in addition to the information required in 40CFR§§60.487a(c)(2)(i) through (vi):
    2. Number of pressure relief devices for which leaks were detected as required in 40CFR§60.5401(b)(2); and
    3. Number of pressure relief devices for which leaks were not repaired as required in 40CFR§60.5401(b)(3).

**[45CSR16; 40CFR§60.5422; 40CFR§60.5422a]**

~~8.5.4. The permittee shall submit records of annual Method 21 screening to the Administrator via email [CCC-AWP@EPA.GOV](mailto:CCC-AWP@EPA.GOV). The permittee shall maintain records of such submittal in accordance with Condition 3.4.2.~~  
**[45CSR16; 40 CFR §60.18(i)(5); 45CSR13, R13-2914, Condition 8.5.1.]**

## 8.6. Compliance Plan

- 8.6.1. None.

**9.0 Emergency Generators [emission point ID(s): ~~G-1~~, G-2]**

**9.1. Limitations and Standards**

9.1.1. ~~Reserved. Maximum emissions from the 102 hp diesel-fired emergency generator, a John Deere PE4045TF275 (G-1) shall not exceed the following limits:~~

Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (ton/yr)
Nitrogen Oxide	1.55	0.39
Carbon Monoxide	0.80	0.20
PM <sub>2.5</sub> /PM <sub>10</sub> /PM	0.013	0.01
SO <sub>2</sub>	0.21	0.05
VOCs	0.67	0.17

~~[45CSR13, R13-2914, 9.1.1.]~~

9.1.2. Maximum emissions from the 152 hp diesel-fired emergency generator, a John Deere PE404HFG93 (G-2) shall not exceed the following limits:

Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (ton/yr)
Nitrogen Oxide	2.31	0.58
Carbon Monoxide	1.19	0.30
PM <sub>2.5</sub> /PM <sub>10</sub> /PM	0.02	0.01
SO <sub>2</sub>	0.31	0.08
VOCs	1.01	0.25

[45CSR13, R13-2914, 9.1.2.]

9.1.3. **Maximum Yearly Operation Limitation.** The maximum non-emergency yearly hours of operation for ~~each~~ the emergency generator shall not exceed 500 hours per year (use of the engine during emergency situations as defined under 2.17 does not count toward this limit). Compliance with the Maximum Yearly Operation Limitation shall be determined using a twelve month rolling total. A twelve month rolling total shall mean the sum of the hours of operation at any given time during the previous twelve consecutive calendar months. [45CSR13, R13-2914, 9.1.3.]

9.1.4. The permittee shall meet all applicable requirements of 40 CFR 60, Subpart IIII with respect to the emergency generators. [45CSR13, R13-2914, 9.1.4.]

9.1.5. Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) and

40 CFR part 1042, subpart F, for stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder.

- b. Exhaust emissions from stationary CI ICE that are complying with the emission standards for new CI engines in 40 CFR part 1039 must not exceed the not-to-exceed (NTE) standards for the same model year and maximum engine power as required in 40 CFR 1039.101(e) and 40 CFR 1039.102(g)(1), except as specified in 40 CFR 1039.104(d). This requirement starts when NTE requirements take effect for nonroad diesel engines under 40 CFR part 1039.
- c. Exhaust emissions from stationary CI ICE that are complying with the emission standards for new CI engines in 40 CFR 89.112 or 40 CFR 94.8, as applicable, must not exceed the NTE numerical requirements, rounded to the same number of decimal places as the applicable standard in 40 CFR 89.112 or 40 CFR 94.8, as applicable, determined from the following equation:

$$\text{NTE Requirement for Each Pollutant} = (1.25) \times (\text{STD})$$

Where:

STD = The standard specified for that pollutant in 40 CFR 89.112 or 40 CFR 94.8, as applicable.

Alternatively, stationary CI ICE that are complying with the emission standards for new CI engines in 40 CFR 89.112 or 40 CFR 94.8 may follow the testing procedures specified in §60.4213 of this subpart, as appropriate.

- d. Exhaust emissions from stationary CI ICE that are complying with the emission standards for pre-2007 model year engines in §60.4204(a), §60.4205(a), or §60.4205(c) must not exceed the NTE numerical requirements, rounded to the same number of decimal places as the applicable standard in §60.4204(a), §60.4205(a), or §60.4205(c), determined from the equation in paragraph (c) of this section.

Where:

STD = The standard specified for that pollutant in §60.4204(a), §60.4205(a), or §60.4205(c).

Alternatively, stationary CI ICE that are complying with the emission standards for pre-2007 model year engines in §60.4204(a), §60.4205(a), or §60.4205(c) may follow the testing procedures specified in §60.4213, as appropriate.

- e. Exhaust emissions from stationary CI ICE that are complying with the emission standards for new CI engines in 40 CFR part 1042 must not exceed the NTE standards for the same model year and maximum engine power as required in 40 CFR 1042.101(c)

[45CSR16; 40CFR§60.4212]

#### 9.4. Recordkeeping Requirements

- 9.4.1. To demonstrate compliance with condition 9.1.3., the permittee shall maintain records of the hours of operation of ~~each~~ the engine (G-1, G-2). Said records shall be maintained on site or in a readily accessible off-site location maintained by the permittee for a period of five (5) years. Said records shall be readily available to the Director of the Division of Air Quality or his/her duly authorized representative for expeditious inspection and review. Any records submitted to the agency pursuant to a requirement of this permit or upon request by the Director shall be certified by a responsible official.

[45CSR13, R13-2914, 9.2.1.]

- G. Except as may be provided for in the special conditions of this permit, all pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.
- H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days and a record of the attempt shall be maintained.
- I. A leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. ~~The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (e)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (e)(i)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.~~
- J. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.
- K. ~~Alternative monitoring frequency schedules of 30 TAC " 115.352—115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.~~

- L. ~~Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard (NSPS), or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAPS) and does not constitute approval of alternative standards for these regulations.~~