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

1.1 Emission Units

Emission Unit ID	Emission Point ID	Emission Unit Description	Plant Affiliation ¹	Year Installed	Design Capacity	Control Device
CE-01	1E	Caterpillar G342NA Compressor Engine	All Plants	2010	225 HP	01-NSCR
CE-02	2E	Caterpillar G398TA Compressor Engine	All Plants	2011	625 HP	02-NSCR
CE-03	3E	Caterpillar G3612 LE Compressor Engine	Plant 1	2010	3,550 HP	01-OxCat
CE-04	4E	Caterpillar G3612 LE Compressor Engine	Plant 1	2010	3,550 HP	02-OxCat
CE-05	5E	Caterpillar G3612 LE Compressor Engine	Plant 1	2010	3,550 HP	03-OxCat
GE-01	8E	Olympian G70LG Emergency Generator Engine	All Plants	2014	118 HP	None
SSM	6E	Startup/Shutdown/Maintenance (including blowdown) from units CE-01 through CE-05 and compressors CM-01 through CM-07	All Plants	2010	N/A	FL-02 (partial) ³
RPC	7E	Compressor Rod Packing and Engine Crankcase fugitive VOC emissions from compressors CM-01 through CM-07	All Plants	2010	N/A	None
H-01	9E	TXP1 Hot Oil Heater	Plant 1	2010	10.00 MMBtu/hr	None
H-02	10E	TXP1 Regen Gas Heater	Plant 1	2010	4.74 MMBtu/hr	None
H-03	11E	TXP2 Regen Gas Heater	Plant 2	2011	6.60 MMBtu/hr	None
H-04	12E	TXP3 Regen Gas Heater	Plant 3	2012	6.60 MMBtu/hr	None
H-05	13E	TXP2 Heat Medium Heater	Plant 2	2011	21.22 MMBtu/hr	None
H-06	14E	TXP3 Heat Medium Heater	Plant 3	2012	21.22 MMBtu/hr	None
FL-02	18E	New Process Flare	All Plants	2014	90.00 MMscf/yr	NA
TLO	20E	Truck Loadout (Produced Water/Condensate)	All Plants	2010	600,000 bbl/yr	None
<u>TLO2</u>	<u>24E</u>	<u>Truck Loadout (NGLs)</u>	<u>All Plants</u>	<u>2019</u>	<u>200 gpm 16,425,000 gal/yr</u>	<u>None</u>
FUG	21E	Process Piping Fugitives	All Plants	2010	24,550 Units	None
T-03	22E	Produced Water Storage Tank (9913 Tank)	All Plants	2011	16,800 gal	None
T-04	23E	Produced Water Storage Tank (9914 Tank)	All Plants	2011	16,800 gal	None
T-05	T-05	Diesel Storage Tank	All Plants	2010	500 gal	None
T-06	T-06	Gasoline Storage Tank	All Plants	2010	300 gal	None
T-07	T-07	Methanol Storage Tank	Plant 1	2010	3,000 gal	None
T-08	T-08	Lube Oil (4401) Storage Tank	All Plants	2010	4,200 gal	None
T-09	T-09	Glycol (TK-2902) Slop Storage Tank	All Plants	2010	3,460 gal	None
T-10	T-10	Glycol (TK-2902A) Slop Storage Tank	All Plants	2010	4,200 gal	None
T-13	T-13	Oil (ATM Slop) Storage Tank	Plant 1	2010	8,820 gal	None
T-14	T-14	Lube Oil Storage Tank	Plant 1	2010	2,000 gal	None
T-15	T-15	Lube Oil Storage Tank	All Plants	2010	300 gal	None
T-16	T-16	Lube Oil Storage Tank	All Plants	2010	300 gal	None
T-17	T-17	Lube Oil Storage Tank	All Plants	2010	300 gal	None
T-18	T-18	Oil Storage Tank	All Plants	2010	2,000 gal	None
T-19	T-19	Oil Storage Tank	Plants 2&3	2010	300 gal	None
T-20	T-20	Heat Medium (Oil) Storage Tank	All Plants	2010	750 gal	None
T-21	T-21	Heat Medium (Oil) Storage Tank	All Plants	2010	750 gal	None
T-22	T-22	Heat Medium (Oil) Storage Tank	All Plants	2010	750 gal	None
T-23	T-23	Lube Oil Storage Tank	All Plants	2010	300 gal	None
T-24	T-24	Used Oil Storage Tank	All Plants	2014	NA	None
T-25	T-25	Used Oil Storage Tank	All Plants	2014	NA	None

Emission Unit ID	Emission Point ID	Emission Unit Description	Plant Affiliation ¹	Year Installed	Design Capacity	Control Device
Pressure Vessels ²	Pressure Vessels ²	2 - 30,000 gallon Condensate Tanks 6 3 - 30,000 gallon NGL Tanks 2 - 45,000 gallon NGL Tanks 6 - 60,000 gallon NGL Tanks	All Plants	2010	8 @ 30,000 gallons 6 @ 60,000 gallons	Pressure Vessels
Equipment Permitted under R13-3212						
DH-01	15E	Groves Dehydrator – Flash Tank/Still Vent	NA	2011	5.00 MMscf/day	None
BLR-01	16E	Groves Dehydrator – Reboiler	NA	2011	0.20 MMBtu/hr	None

¹ Plant 1 is the 120 MMscfd cryogenic plant; and Plants 2 and 3 are the two (2) 200 MMscfd cryogenic plants.

² The Pressure Vessels are not considered emission units and are included for reference purposes only- (these pressure vessels must operate with a minimum pressure of 204.9kPa to not be considered emission units).

³ Only emissions from CM-02 through CM-07 are controlled by the process flare FL-02 (18E).

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
R13-2826 K-L	July 26, 2017 <u>October 18, 2019</u>
R13-3212	December 16, 2014

8.0 Storage Tanks T-03, T-04, & Produced Water Loading (TLO), and NGL Loading (TLO2) [Em. Point IDs: ~~T-02~~, 22E, 23E, 20E, 24E]

8.1. Limitations and Standards

8.1.1. Maximum Throughput Limitation. The maximum volume of liquids throughput to the Produced Water Loading (TLO) shall not exceed 69,000 gal/day and 25,200,000 gal/yr. The maximum volume of liquids throughput to the NGL Loading (TLO2) shall not exceed 16,425,000 gal/yr. Compliance with the Maximum Throughput Limitations shall be determined using a twelve-month rolling total. A twelve-month rolling total shall mean the sum of the monthly throughput at any given time during the previous twelve consecutive calendar months.

[45CSR13, R13-2826, 9.1.1.]

8.1.2. The Produced Water Loading (TLO) shall be operated in accordance with the plans and specifications filed in Permit Application R13-2826K-, and the NGL Loading (TLO2) shall be operated in accordance with the plans and specifications filed in Permit Application R13-2826L.

[45CSR13, R13-2826, 9.1.2.]

8.1.3. The maximum annual throughput of produced water to the 400 bbl (16,800 gal) storage tanks (T-03, T-04) shall not exceed the following:

Storage Tank ID	Product Stored	Maximum Annual Throughput (gal/yr)
T-03	Produced Water	8,400,000
T-04	Produced Water	8,400,000

[45CSR13, R13-2826, 9.1.3.]

8.1.4. The number of NGL loading events shall not exceed 2,190 per a twelve-month rolling year. All NGL loading operations shall take place under pressure and using a pressurized vapor return system. The volume of vapor released during each loading event shall not exceed 0.218 ft³.

[45CSR13, R13-2826, 9.1.4]

8.2. Monitoring Requirements

8.2.1. Reserved.

8.3. Testing Requirements

8.3.1. Reserved.

8.4. Recordkeeping Requirements

8.4.1. To demonstrate compliance with sections 8.1.1 and 8.1.4 the permittee shall maintain records of the amount of produced water and NGLs loaded and the number of NGL loading events. Said records required 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

- (e) Each owner or operator subject to the provisions of 40 C.F.R. 60 Subpart KKK shall comply with the provisions of §§60.486 and 60.487 except as provided in §§60.633, 60.635, and 60.636 of 40 C.F.R. 60 Subpart KKK.
- (f) An owner or operator shall use the following provision instead of §60.485(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 E169-63, 77, or 93, E168-67, 77, or 92, or E260-73, 91, or 96 (incorporated by reference as specified in 40 C.F.R. §60.17) shall be used.

[45CSR13, R13-2826, 10.1.2.1.; 45CSR16; 40 C.F.R. §60.632]

9.1.3. Exceptions.

- (a) Each owner or operator subject to the provisions of 40 C.F.R. 60 Subpart KKK may comply with the following exceptions to the provisions of subpart VV.
- (b) (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 §60.485(b) except as provided in §60.632(c), paragraph (b)(4) of this section, and §60.482-4 (a) through (c) of subpart VV.
 - (2) If an instrument reading of 10,000 ppm or greater is measured, a leak is detected.
 - (3)
 - (i) When a leak is detected, it shall be repaired as soon as practicable, but no later than 15 calendar days after it is detected, except as provided in §60.482-9
 - (ii) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected
 - (4)
 - (i) Any pressure relief device that is located in a nonfractionating plant that is monitored only by nonplant personnel may be monitored after a pressure release the next time the monitoring personnel are on site, instead of within 5 days as specified in paragraph (b)(1) of this section and §60.482-4(b)(1) of subpart VV.
 - (ii) No pressure relief device described in paragraph (b)(4)(i) of this section shall be allowed to operate for more than 30 days after a pressure release without monitoring.
- (c) Sampling connection systems are exempt from the requirements of §60.482-5.

- (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 §§60.482-2(a)(1) and 60.482-7(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 within a process unit that is located in the Alaskan North Slope are exempt from the routine monitoring requirements of §§60.482-2(a)(1), 60.482-7(a), and paragraph (b)(1) of this section.
- (f) Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3.
- (g) Flares used to comply with 40 C.F.R. 60 Subpart KKK shall comply with the requirements of §60.18.
- (h) An owner or operator may use the following provisions instead of §60.485(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 D86-78, 82, 90, 95, or 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 D86-78, 82, 90, 95, or 96 (incorporated by reference as specified in §60.17).

[45CSR13, R13-2826, 10.1.3-1.; 45CSR16; 40 C.F.R. §60.633]

9.1.4. **Alternative Means of Emission Limitation.**

- (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 shall 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 he 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, he 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

[45CSR13, R13-2826, 10.1.4-1.; 45CSR16; 40 C.F.R. §60.634]

- 9.1.5. The permittee shall maintain on-site and available upon request an updated and accurate count of plant components and the correct applicability of each associated group to 40 CFR 60, Subpart KKK and OOOO. If the component count of each shall exceed the specific counts given in Attachment N of Permit Application R13-2826L then the permittee shall recalculate (using the same calculation methodology) the fugitive emissions from equipment leaks and, if the associated emissions increase, shall notify the DAQ within fifteen (15) calendar days and submit an appropriate permit application to address the increase.

[45CSR13, R13-2826, 10.1.3]

9.2. Monitoring Requirements

- 9.2.1. Reserved.

9.3. Testing Requirements

- 9.3.1. Reserved.

9.4. Recordkeeping Requirements

- 9.4.1. Recordkeeping Requirements

- (a) Each owner or operator subject to the provisions of 40 C.F.R. 60 Subpart KKK shall comply with the requirements of paragraphs (b) and (c) of this section in addition to the requirements of §60.486.
- (b) The following recordkeeping requirements shall apply to pressure relief devices subject to the requirements of §60.633(b)(1) of 40 C.F.R. 60 Subpart KKK.
 - (1) When each leak is detected as specified in §60.633(b)(2), a weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment. The identification on the pressure relief device may be removed after it has been repaired.
 - (2) When each leak is detected as specified in §60.633(b)(2), the following information shall be recorded in a log and shall be kept for 2 years in a readily accessible location:
 - (i) The instrument and operator identification numbers and the equipment identification number.
 - (ii) The date the leak was detected and the dates of each attempt to repair the leak.
 - (iii) Repair methods applied in each attempt to repair the leak.
 - (iv) “Above 10,000 ppm” if the maximum instrument reading measured by the methods specified in paragraph (a) of this section after each repair attempt is 10,000 ppm or greater.

- (v) “Repair delayed” and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.
 - (vi) The signature of the owner or operator (or designate) whose decision it was that repair could not be effected without a process shutdown.
 - (vii) The expected date of successful repair of the leak if a leak is not repaired within 15 days.
 - (viii) Dates of process unit shutdowns that occur while the equipment is unrepaired.
 - (ix) The date of successful repair of the leak.
 - (x) A list of identification numbers for equipment that are designated for no detectable emissions under the provisions of §60.482-4(a). The designation of equipment subject to the provisions of §60.482-4(a) shall be signed by the owner or operator.
- (c) An owner or operator shall comply with the following requirement in addition to the requirement of §60.486(j): Information and data used to demonstrate that a reciprocating compressor is in wet gas service to apply for the exemption in §60.633(f) shall be recorded in a log that is kept in a readily accessible location.

[45CSR13, R13-2826, 10.2.1.1.; 45CSR16; 40 C.F.R. §60.635]

9.5. Reporting Requirements

9.5.1. Reporting Requirements.

- (a) Each owner or operator subject to the provisions of 40 C.F.R. 60 Subpart KKK shall comply with the requirements of paragraphs (b) and (c) of this section in addition to the requirements of §60.487.
- (b) An owner or operator shall include the following information in the initial semiannual report in addition to the information required in §60.487(b) (1)-(4): Number of pressure relief devices subject to the requirements of §60.633(b) except for those pressure relief devices designated for no detectable emissions under the provisions of §60.482-4(a) and those pressure relief devices complying with §60.482-4(c).
- (c) An owner or operator shall include the following information in all semiannual reports in addition to the information required in §60.487(c)(2) (i) through (vi):
 - (1) Number of pressure relief devices for which leaks were detected as required in §60.633(b)(2); and
 - (2) Number of pressure relief devices for which leaks were not repaired as required in §60.633(b)(3).

[45CSR13, R13-2826, 10.2.2 1.1.; 45CSR16; 40 C.F.R. §60.636]

9.6. Compliance Plan

9.6.1. Reserved.

10.0 40 C.F.R. 60 Subpart OOOO Requirements for Inlet and TXP3 Process units

10.1. Limitations and Standards

10.1.1. The permittee must be in compliance with the standards of this subpart no later than October 15, 2012 or upon startup, whichever is later.

[45CSR13, R13-2826, ~~11.1.1~~ 10.1.2.; 45CSR16; 40 C.F.R. §60.5370(a)]

10.1.2. The permittee is exempt from the obligation to obtain a permit under 40 CFR part 70 or 40 CFR part 71, provided you are not otherwise required by law to obtain a permit under 40 CFR 70.3(a) or 40 CFR 71.3(a). Notwithstanding the previous sentence, you must continue to comply with the provisions of 40 C.F.R. 60 Subpart OOOO.

[45CSR13, R13-2826, ~~11.1.2~~ 10.1.2.; 45CSR16; 40 C.F.R. §60.5370(c)]

10.1.3. Equipment Leak Standards.

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

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

(b) You may elect to comply with the requirements of §§60.483-1a and 60.483-2a, as an alternative.

(c) You 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 §60.5402 of 40 C.F.R. 60 Subpart OOOO.

(d) You must comply with the provisions of §60.485a of this part except as provided in paragraph (f) of this section.

(e) You must comply with the provisions of §§60.486a and 60.487a of this part except as provided in §§60.5401, 60.5421, and 60.5422 of this part.

(f) You must use the following provision instead of §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 §60.17) must be used.

[45CSR13, R13-2826, ~~11.1.3~~ 10.1.2.; 45CSR16; 40 C.F.R. §60.5400]

- (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.

[45CSR13, R13-2826, ~~11.1.4~~ 10.1.2.; 45CSR16; 40 C.F.R. §60.5401]

10.1.5. **Alternative Emission Limitations for Equipment Leaks.**

- (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.

[45CSR13, R13-2826, ~~11.1.5~~ 10.1.2.; 45CSR16; 40 C.F.R. §60.5402]

10.1.6. **Initial Compliance Demonstration.** You must determine initial compliance with the standards for each affected facility using the requirements in paragraph (f) of 40 C.F.R. §60.5410. The initial compliance period begins on October 15, 2012 or upon initial startup, whichever is later, and ends no later than one year after the initial startup date for your affected facility or no later than one year after October 15, 2012. The initial compliance period may be less than one full year.

- (f) For affected facilities at onshore natural gas processing plants, initial compliance with the VOC requirements is demonstrated if you are in compliance with the requirements of 40 C.F.R. §60.5400 (condition 10.1.3.).

[45CSR13, R13-2826, ~~11.2.1~~ 10.1.2.; 45CSR16; 40 C.F.R. §§ 60.5410 and 60.5410(f)]

10.1.7. **Continuous Compliance Demonstration.** For affected facilities at onshore natural gas processing plants, continuous compliance with VOC requirements is demonstrated if you are in compliance with the requirements of 40 C.F.R. §60.5400 (condition 10.1.3.).

[45CSR13, R13-2826, ~~11.3.1~~ 10.1.2.; 45CSR16; 40 C.F.R. §§ 60.5415 and 60.5415(f)]

10.1.8. The provisions for exemption from compliance during periods of startup, shutdown and malfunctions provided for in 40 CFR §60.8(c) do not apply to 40 C.F.R. 60 Subpart OOOO.

[45CSR16; 40 C.F.R. §60.5370(b)]

10.1.9. See condition 9.1.5.

10.2. Monitoring Requirements

10.2.1. Reserved.

10.3. Testing Requirements

10.3.1. Reserved.

10.4. Recordkeeping Requirements

10.4.1. **Additional Recordkeeping Requirements.**

- (a) You must comply with the requirements of paragraph (b) of this section in addition to the requirements of §60.486a.
- (b) The following recordkeeping requirements apply to pressure relief devices subject to the requirements of §60.5401(b)(1) of this subpart.
- (1) When each leak is detected as specified in §60.5401(b)(2), a weatherproof and readily visible identification, marked with the equipment identification number, must be attached to the leaking equipment. The identification on the pressure relief device may be removed after it has been repaired.

- (2) When each leak is detected as specified in §60.5401(b)(2), the following information must be recorded in a log and shall be kept for 2 years in a readily accessible location:
- (i) The instrument and operator identification numbers and the equipment identification number.
 - (ii) The date the leak was detected and the dates of each attempt to repair the leak.
 - (iii) Repair methods applied in each attempt to repair the leak.
 - (iv) “Above 500 ppm” if the maximum instrument reading measured by the methods specified in paragraph (a) of this section after each repair attempt is 500 ppm or greater.
 - (v) “Repair delayed” and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.
 - (vi) The signature of the owner or operator (or designate) whose decision it was that repair could not be effected without a process shutdown.
 - (vii) The expected date of successful repair of the leak if a leak is not repaired within 15 days.
 - (viii) Dates of process unit shutdowns that occur while the equipment is unrepaired.
 - (ix) The date of successful repair of the leak.
 - (x) A list of identification numbers for equipment that are designated for no detectable emissions under the provisions of §60.482-4a(a). The designation of equipment subject to the provisions of §60.482-4a(a) must be signed by the owner or operator.

[45CSR13, R13-2826, ~~11.4.2~~ 10.1.2; 45CSR16; 40 C.F.R. §60.5421]

10.5. Reporting Requirements

10.5.1. Additional Reporting Requirements.

- (a) You must comply with the requirements of paragraphs (b) and (c) of this section in addition to the requirements of §§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 §60.487a(b)(1) through (4): Number of pressure relief devices subject to the requirements of §60.5401(b) except for those pressure relief devices designated for no detectable emissions under the provisions of §60.482-4a(a) and those pressure relief devices complying with §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 §60.487a(c)(2)(i) through (vi):

(1) Number of pressure relief devices for which leaks were detected as required in §60.5401(b)(2); and

(2) Number of pressure relief devices for which leaks were not repaired as required in §60.5401(b)(3).

[45CSR13, R13-2826, ~~11.4.3~~ 10.1.2.; 45CSR16; 40 C.F.R. §60.5422]

10.5.2. You must submit the notifications according to paragraphs (a)(1) and (2) of 40 C.F.R. §60.5420 if you own or operate one or more of the affected facilities specified in §60.5365 that was constructed, modified, or reconstructed during the reporting period.

[40 C.F.R. §60.5420(a); 45CSR16]

10.6. Compliance Plan

10.6.1. Reserved.