# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Valero Refining-Texas, L.P.

AUTHORIZING THE OPERATION OF

Valero Corpus Christi Refinery East Plant
Petroleum Refining

LOCATED AT

Nueces County, Texas

Latitude 27° 48' 39" Longitude 97° 26' 44"

Regulated Entity Number: RN100211663

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O2238 Issuance Date: November 22, 2013

For the Commission

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## General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## Special Terms and Conditions:
## Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ for the following units 16-COMP1 and 16-COMP2. No later than October 19, 2013, the permit holder shall submit a revision application to codify the requirements in the permit.

F. Emission units subject to 40 CFR Part 63, Subpart A, G, H, Q, Y, CC, UUU, ZZZZ, DDDDD, or GGGGG as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, §113.100, §113.120, §113.130, §113.220, §113.300, §113.340, §113.780, §113.1090, §113.1130, or §113.1160, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1 , shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for

each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible

emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be

conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity

monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

D. Permit holders for sites that have materials handling, construction, roads, streets, alleys, and parking lots shall comply with the following requirements:

(i) Title 30 TAC § 111.143 (relating to Materials Handling)

(ii) Title 30 TAC § 111.145 (relating to Construction and Demolition)

(iii) Title 30 TAC § 111.147 (relating to Roads, Streets, and Alleys)

(iv) Title 30 TAC § 111.149 (relating to Parking Lots)

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height ($h_e$) less than the standard effective stack height ($H_e$), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter D requirements:

A. Title 30 TAC § 115.312(b)(1) (relating to Control Requirements), for emissions during Process Unit Shutdown or Turnaround

5. The permit holder shall comply with the following 30 TAC Chapter 115, Subchapter F requirements (relating to Cutback Asphalt Requirements):

A. Title 30 TAC § 115.512(3) (relating to Control Requirements)

6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

7. For petroleum refinery facilities subject to 40 CFR Part 60, Subpart QQQ, the permit holder shall comply with the following requirements:

A. Title 40 CFR § 60.692-1(a) - (c) (relating to Standards: General)

B. Title 40 CFR § 60.692-2(a) - (c), (e) (relating to Standards: Individual Drain Systems)

C. Title 40 CFR § 60.692-2(d) (relating to Standards: Individual Drain Systems)

D. Title 40 CFR § 60.692-6(a) - (b) (relating to Standards: Delay of Repair)

E. Title 40 CFR § 60.692-7(a) - (b) (relating to Standards: Delay of Compliance)

F. Title 40 CFR § 60.693-1(a) - (d), (e)(1) - (3) (relating to Alternative Standards for Individual Drain Systems)

G. Title 40 CFR § 60.697(a), (b)(1) - (3) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems

H. Title 40 CFR § 60.697(f)(1) - (2), (g) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems

I. Title 40 CFR § 60.697(h) (relating to Recordkeeping Requirements), as applicable to excluded Stormwater Sewer Systems

J. Title 40 CFR § 60.698(a), and (b)(1) (relating to Reporting Requirements), as applicable to Individual Drain Systems

K. Title 40 CFR § 60.698(c) (relating to Reporting Requirements), for water seal breaches in Drain Systems

L. Title 40 CFR § 60.698(e) (relating to Reporting Requirements), as applicable to Individual Drain Systems

8. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 61.05 (relating to Prohibited Activities)

B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)

C. Title 40 CFR § 61.09 (relating to Notification of Start-up)

D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)

E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)

F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)

G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)

H. Title 40 CFR § 61.15 (relating to Modification)

I. Title 40 CFR § 61.19 (relating to Circumvention)

9. For the benzene transfer operations to and from marine vessels specified in 40 CFR Part 61, Subpart BB, the permit holder shall comply with the following requirements:

A. Title 40 CFR § 61.302(e) (relating to Standards)

B. Title 40 CFR § 61.303(f) (relating to Monitoring Requirements)

C. Title 40 CFR § 61.304(f) (relating to Test Methods and Procedures)

D. Title 40 CFR § 61.305(g) - (h) (relating to Reporting and Recordkeeping)

10. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

A. Title 40 CFR § 61.342(c)(1)(i) - (iii) (relating to Standards: General)

B. Title 40 CFR § 61.342(e)(1) (relating to Standards: General)

C. Title 40 CFR § 61.342(e)(2)(i) - (ii) (relating to Standards: General)

D. Title 40 CFR § 61.342(f)(1), and (2) (relating to Standards: General)

E. Title 40 CFR § 61.342(g) (relating to Standards: General)

F. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)

G. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)

H. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures

I. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)

J. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)

K. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)

L. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)

M. Title 40 CFR § 61.356(c) (relating to Recordkeeping Requirements)

N. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)

O. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)

P. Waste generated by remediation activities at these facilities are subject to the requirements identified under 40 CFR § 61.342 for treatment and management of waste

11. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

A. Title 40 CFR § 61.345(a)(1) - (3), (b), and (c) (relating to Standards: Containers)

B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)

C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)

D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)

12. For facilities with individual drain systems subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

    A. Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)

    B. Title 40 CFR § 61.346(b)(2)(ii)(B) (relating to Standards: Individual Drain Systems), for junction boxes

13. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

14. For the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).

15. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 1 or Group 2 wastewater streams that are also subject to 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):

    A. Title 40 CFR § 63.110(e)(1) (relating to Applicability), for 40 CFR Part 63, Subpart G applicability to Group 1 or 2 Wastewater Streams

16. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 2 wastewater stream, the permit holder shall comply with (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):

    A. Title 40 CFR § 63.132(a), (a)(1), and (a)(1)(i) (relating to Process Wastewater Provisions - General)

    B. Title 40 CFR § 63.146(b)(1) (relating to Process Wastewater Provisions - Reporting)

    C. Title 40 CFR § 63.147(b)(8) (relating to Process Wastewater Provisions - Recordkeeping)

17. For the chemical manufacturing facilities subject to leak detection requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):

    A. General Leak Detection Requirements:

        (i) Title 40 CFR § 63.148(d)(1) - (3), and (e) (relating to Leak Inspection Provisions)

(ii) Title 40 CFR § 63.148(c), (g), (g)(2), (h), and (h)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements

(iii) Title 40 CFR §§ 63.148(g)(2), (h)(2), (i)(1) - (2), (i)(4)(i) - (viii), (i)(5), and 63.152(a)(1) - (5), for recordkeeping requirements

(iv) Title 40 CFR §§ 63.148(j), 63.151(a)(6)(i) - (iii), (b)(1) - (2), (j)(1) - (3), 63.152(a)(1) - (5), (b), (b)(1)(i) - (ii), and (b)(4), for reporting requirements

B. For closed vent system or vapor collection systems constructed of hard piping:

(i) Title 40 CFR § 63.148(b)(1)(ii) (relating to Leak Inspection Provisions), for monitoring and testing requirements

(ii) Title 40 CFR § 63.148(i)(6) (relating to Leak Inspection Provisions), for recordkeeping requirements

18. For the operations pertaining to the loading and unloading of marine tank vessels specified in 40 CFR Part 63, Subpart Y, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.300 incorporated by reference):

A. Title 40 CFR § 63.560(c) (relating to Designation of Affected Source), for applicability of the General Provisions of Subpart A

B. Title 40 CFR § 63.563(a)(4) (relating to Compliance and Performance Testing), for vapor tightness requirements of the marine vessels

C. Title 40 CFR § 63.564(a)(1) and (d) (relating to Monitoring Requirements)

D. Title 40 CFR § 63.565(a) (relating to Test Methods and Procedures), for performance testing requirements

E. Title 40 CFR § 63.565(c) (relating to Test Methods and Procedures), for vapor tightness requirements of the marine vessels

F. Title 40 CFR § 63.566 (relating to Construction and Reconstruction)

G. Title 40 CFR § 63.567(a) - (b) and (h) - (i) (relating to Reporting and Recordkeeping Requirements)

19. For sources subject to emission standards in 40 CFR Part 63, Subpart CC, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.340 incorporated by reference):

A. Title 40 CFR § 63.640(l)(3) - (4) (relating to Applicability and Designation of Affected Source), for units and equipment added to an existing source

B. Title 40 CFR § 63.640(m)(1) - (2) (relating to Applicability and Designation of Affected Source), for units and emission points changing from Group 2 to Group 1 status

C. Title 40 CFR § 63.642(c) (relating to General Standards), for applicability of the General Provisions of Subpart A

D. Title 40 CFR § 63.642(e) (relating to General Standards), for recordkeeping

E. Title 40 CFR § 63.642(f) (relating to General Standards), for reporting

20. The permit holder shall comply with the requirement to prepare and implement an Operations and Maintenance plan in accordance with 40 CFR Part 63, Subpart UUU, § 63.1574(f) (Title 30 TAC Chapter 113, Subchapter C, § 113.780 incorporated by reference).

A. Title 40 CFR § 63.7901(b) and (b)(1), for initial demonstration of compliance

B. Title 40 CFR § 63.7901(b)(2), for initial demonstration of compliance

C. Title 40 CFR § 63.7901(c), (c)(1), and (c)(2), for initial demonstration of compliance

D. Title 40 CFR § 63.7901(e), (e)(1), and (e)(2), for initial demonstration of compliance

E. Title 40 CFR § 63.7902(b), (b)(1), and (b)(2), for inspection and monitoring

F. Title 40 CFR § 63.7903(b) and (b)(1), for continuous demonstration of compliance

G. Title 40 CFR § 63.7903(b)(2), (b)(2)(i), (b)(2)(ii), for continuous demonstration of compliance

H. Title 40 CFR § 63.7903(c)(4), (c)(4)(i), and (c)(4)(ii), for continuous demonstration of compliance

I. Title 40 CFR § 63.7903(e)(1) - (3), for continuous demonstration of compliance

J. Title 40 CFR § 63.7952(c), for recordkeeping

21. For containers managing remediation materials subject to 40 CFR Part 63, Subpart GGGGG, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.1160 incorporated by reference):

    A. Title 40 CFR § 63.922(b)(1) - (3), (c), (d)(1) - (5), (e), and (f)(1) - (4) (relating to Standards - Container Level 1 Controls)

    B. Title 40 CFR § 63.924(b)(1) - (2), (c)(1), and (d) (relating to Standards - Container Level 3 Controls)

    C. Title 40 CFR § 63.926(a)(1) - (3) (relating to Inspection and Monitoring Requirements)

**Additional Monitoring Requirements**

22. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:

    A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).

    B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

    C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).

    D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.

    E. The permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to detect leaking components for any capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system

is not working properly, the permit holder shall promptly take necessary corrective actions.

F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

23. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

**New Source Review Authorization Requirements**

24. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

    A. Are incorporated by reference into this permit as applicable requirements

    B. Shall be located with this operating permit

    C. Are not eligible for a permit shield

25. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

26. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity

and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

27. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

    A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

    B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

    C. Applicable requirements of 30 TAC § 116.617 for Pollution Control Projects based on the information contained in the registration application.

**Compliance Requirements**

28. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

29. The permit holder shall adhere to the provisions in the Compliance Schedule attachment of this permit and submit certified progress reports consistent with the schedule established under 30 TAC § 122.132(e)(4)(C) and including the information specified in 30 TAC § 122.142(e)(2). Those emission units listed in the Compliance Schedule attachment shall adhere with the requirements in the Compliance Schedule attachment until operating fully in compliance with the applicable requirements.

30. Use of Discrete Emission Credits to comply with the applicable requirements:

    A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

        (i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

**Protection of Stratospheric Ozone**

31. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.

A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

B. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 - 82.166 and the applicable Part 82 Appendices.

C. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

## Alternative Requirements

32. The permit holder shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have reference to the approval in the Applicable Requirements summary listing for the unit. The permit holder shall maintain the original documentation, from (the EPA Administrator and/or TCEQ Executive Director), demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

## Permit Location

33. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

## Permit Shield (30 TAC § 122.148)

34. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## Attachments

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Schedules**

**Alternative Requirement**

## Applicable Requirements Summary

**Unit Summary** ..... **21**

**Applicable Requirements Summary** ..... **57**

Note: A "none" entry may be noted for some emission sources in this permit's "Applicable Requirements Summary" under the heading of "Monitoring and Testing Requirements" and/or "Recordkeeping Requirements" and/or "Reporting Requirements." Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (§ 122.144), Reporting Terms and Conditions (§ 122.145), and Compliance Certification Terms and Conditions (§ 122.146) continue to apply.

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRP1ABOIL | Boilers/Steam Generators/ Steam Generating Units | B-4, B-5 | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| GRP1BBOIL | Boilers/Steam Generators/ Steam Generating Units | EP-B-1, EP-B-2, EP-B-5 | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 116T202VNT | Emission Points/Stationary Vents/Process Vents | N/A | R5121 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| 116T202VNT | Emission Points/Stationary Vents/Process Vents | N/A | 63CCa | 40 CFR Part 63, Subpart CC | No changing attributes. |
| 130-PSA OG | Emission Points/Stationary Vents/Process Vents | N/A | R5121 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| 130-V-08 | Emission Points/Stationary Vents/Process Vents | N/A | R5121 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| 154T010VNT | Emission Points/Stationary Vents/Process Vents | N/A | R5121 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| 154T010VNT | Emission Points/Stationary Vents/Process Vents | N/A | 63CCa | 40 CFR Part 63, Subpart CC | No changing attributes. |
| BTX1-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63G-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| BTX1-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63G-1PV | 40 CFR Part 63, Subpart G | No changing attributes. |
| COKER1-V2 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| COKER1-V2 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| COKER1-V6 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| COKER1-V6 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| EPSULF-V3 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-2PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| EPSULF-V3 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-2PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GOT1-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GOT1-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| SWS2-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| SWS2-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| VAC4-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| VAC4-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1AVENTS | Emission Points/Stationary Vents/Process Vents | NHDS-V2, REF4-V3 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1AVENTS | Emission Points/Stationary Vents/Process Vents | NHDS-V2, REF4-V3 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRP1BVENTS | Emission Points/Stationary Vents/Process Vents | NHDS-V1, NHDS-V3, QPSULF-V1 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1BVENTS | Emission Points/Stationary Vents/Process Vents | NHDS-V1, NHDS-V3, QPSULF-V1 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1CVENTS | Emission Points/Stationary Vents/Process Vents | ARU1-V1, ARU2-V1, ARU2-V2, SWS1-V2 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1CVENTS | Emission Points/Stationary Vents/Process Vents | ARU1-V1, ARU2-V1, ARU2-V2, SWS1-V2 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1DVENTS | Emission Points/Stationary Vents/Process Vents | REF4-V1, REF4-V2 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1DVENTS | Emission Points/Stationary Vents/Process Vents | REF4-V1, REF4-V2 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1EVENTS | Emission Points/Stationary Vents/Process Vents | HCU-V2, HCU-V3 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1EVENTS | Emission Points/Stationary Vents/Process Vents | HCU-V2, HCU-V3 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1FVENTS | Emission Points/Stationary Vents/Process Vents | CRU4-V1, VAC4-V2 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1FVENTS | Emission Points/Stationary Vents/Process Vents | CRU4-V1, VAC4-V2 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1HVENTS | Emission Points/Stationary Vents/Process Vents | COKER1-V3, COKER1-V4, COKER1-V5 | 63CC-2PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1HVENTS | Emission Points/Stationary Vents/Process Vents | COKER1-V3, COKER1-V4, COKER1-V5 | 63CC-2PV | 40 CFR Part 63, Subpart CC | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRP1KVENTS | Emission Points/Stationary Vents/Process Vents | RAFF1-V1, RAFF2-V1 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1KVENTS | Emission Points/Stationary Vents/Process Vents | RAFF1-V1, RAFF2-V1 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1LVENTS | Emission Points/Stationary Vents/Process Vents | DHDS-V1, DHDS-V2, KHDS-V1, KHDS-V2 | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP1LVENTS | Emission Points/Stationary Vents/Process Vents | DHDS-V1, DHDS-V2, KHDS-V1, KHDS-V2 | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP2BVENTS | Emission Points/Stationary Vents/Process Vents | QPSULF-V2, QPSULF-V3 | 63CC-2PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRP2BVENTS | Emission Points/Stationary Vents/Process Vents | QPSULF-V2, QPSULF-V3 | 63CC-2PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| LEUMER-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| LEUMER-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63CC-1PV | 40 CFR Part 63, Subpart CC | No changing attributes. |
| PMA-VENT | Emission Points/Stationary Vents/Process Vents | N/A | R5121 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| QBTX-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63G-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| QBTX-V1 | Emission Points/Stationary Vents/Process Vents | N/A | 63G-1PV | 40 CFR Part 63, Subpart G | No changing attributes. |
| SMR-V3 | Emission Points/Stationary Vents/Process Vents | N/A | R5121-1PV | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| 137-H-3 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| 148-H-01 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| 148-H-02 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-1HT | 40 CFR Part 60, Subpart J | No changing attributes. |
| 195-H-48BU | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| 2REGENVENT | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 63UUU | 40 CFR Part 63, Subpart UUU | No changing attributes. |
| 44-H-3 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| 7-H-2 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| EP-FLARE1 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60Ja | 40 CFR Part 60, Subpart Ja | No changing attributes. |
| GRP1ABOIL | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | B-4, B-5 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| GRP1AENG | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | 16-COMP1, 16-COMP2, 16-COMP3, 16-COMP4 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| GRP1BBOIL | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | EP-B-1, EP-B-2, EP-B-5 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| GRP1BHEAT | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | Q3-H-1, Q3-H-3 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRP1DHEAT | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | 39-H-1, 39-H-2, 39-H-7 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| GRP1EHEAT | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | Q10-H-1, Q11-H-3001, Q11-H-3002, Q11-H-301 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| GRP1FHEAT | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | 8-H-3, 8-H-4, 8-H-5, 8-H-6 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| GRP1HEAT | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | 44-H-1, 44-H-2, H-TK-83 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| GRP1LHEAT | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | 37-H-1, 37-H-2 | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| HCU-FL1 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60Ja | 40 CFR Part 60, Subpart Ja | No changing attributes. |
| H-TK-55 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60Ja | 40 CFR Part 60, Subpart Ja | No changing attributes. |
| H-TK-71 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| Q3-H-4 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-1 | 40 CFR Part 60, Subpart J | FACILITY TYPE = Fuel gas combustion device, other than a flare, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b), MONITORING DEVICE = An instrument is in place for continuously monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | | | | | gases before being burned in any fuel gas combustion device. |
| Q3-H-4 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-2 | 40 CFR Part 60, Subpart J | FACILITY TYPE = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content] |
| QH-125 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| QL-10 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-1 | 40 CFR Part 60, Subpart J | FACILITY TYPE = Fuel gas combustion device, other than a flare, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b), MONITORING DEVICE = An instrument is in place for continuously monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gases before being burned in any fuel gas combustion device. |
| QL-10 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-2 | 40 CFR Part 60, Subpart J | FACILITY TYPE = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content] |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| REF2-FL1 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60Ja | 40 CFR Part 60, Subpart Ja | No changing attributes. |
| SMR2 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-1 | 40 CFR Part 60, Subpart J | FACILITY TYPE = Fuel gas combustion device, other than a flare, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b), MONITORING DEVICE = An instrument is in place for continuously monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gases before being burned in any fuel gas combustion device. |
| SMR2 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-2 | 40 CFR Part 60, Subpart J | FACILITY TYPE = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content] |
| SRU1 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-a | 40 CFR Part 60, Subpart J | No changing attributes. |
| SRU1 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 63UUU | 40 CFR Part 63, Subpart UUU | No changing attributes. |
| SRU2 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J-a | 40 CFR Part 60, Subpart J | No changing attributes. |
| SRU2 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 63UUU | 40 CFR Part 63, Subpart UUU | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| TO-2 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60J | 40 CFR Part 60, Subpart J | No changing attributes. |
| WP FLARE1 | FCCU Cat Regen/Fuel Gas Combustion/Claus SRU | N/A | 60Ja | 40 CFR Part 60, Subpart Ja | No changing attributes. |
| EP-FLARE1 | Flares | N/A | R1111-1FL | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| EP-FLARE1 | Flares | N/A | 60J-1FL | 40 CFR Part 60, Subpart A | No changing attributes. |
| EP-FLARE1 | Flares | N/A | R1111-1FL | 40 CFR Part 63, Subpart A | No changing attributes. |
| HCU-FL1 | Flares | N/A | 60J-1FL | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| HCU-FL1 | Flares | N/A | 60J-1FL | 40 CFR Part 60, Subpart A | No changing attributes. |
| HCU-FL1 | Flares | N/A | 60J-1FL | 40 CFR Part 63, Subpart A | No changing attributes. |
| REF2-FL1 | Flares | N/A | 60J-2FL | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| REF2-FL1 | Flares | N/A | 60J-2FL | 40 CFR Part 60, Subpart A | No changing attributes. |
| REF2-FL1 | Flares | N/A | 60J-2FL | 40 CFR Part 63, Subpart A | No changing attributes. |
| SRU1-FLARE | Flares | N/A | R1111 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| SRU1-FLARE | Flares | N/A | 63A | 40 CFR Part 63, Subpart A | No changing attributes. |
| SRU2-FLARE | Flares | N/A | R1111 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| SRU2-FLARE | Flares | N/A | 63A | 40 CFR Part 63, Subpart A | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| SWS-FLARE | Flares | N/A | R1111 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| SWS-FLARE | Flares | N/A | 63A | 40 CFR Part 63, Subpart A | No changing attributes. |
| WP FLARE1 | Flares | N/A | 60J-1FL | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| WP FLARE1 | Flares | N/A | 60J-1FL | 40 CFR Part 60, Subpart A | No changing attributes. |
| WP FLARE1 | Flares | N/A | 60J-1FL | 40 CFR Part 63, Subpart A | No changing attributes. |
| BLRHSE-FE | Fugitive Emission Units | N/A | R5322-FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| DIST2-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| DIST2-FE | Fugitive Emission Units | N/A | 60GGGALL | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| DIST2-FE | Fugitive Emission Units | N/A | 63CCH-ALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| DOCK11-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| DOCK11-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart J | No changing attributes. |
| DOCK11-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart V | No changing attributes. |
| DOCK11-FE | Fugitive Emission Units | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| DOCK3-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| DOCK3-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart J | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| DOCK3-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart V | No changing attributes. |
| DOCK3-FE | Fugitive Emission Units | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| DOCK4-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| DOCK4-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart J | No changing attributes. |
| DOCK4-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart V | No changing attributes. |
| DOCK4-FE | Fugitive Emission Units | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| DOCK6-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| DOCK6-FE | Fugitive Emission Units | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| DOCK7-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| DOCK7-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart J | No changing attributes. |
| DOCK7-FE | Fugitive Emission Units | N/A | COAST61J1 | 40 CFR Part 61, Subpart V | No changing attributes. |
| DOCK7-FE | Fugitive Emission Units | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| EP-B-6 | BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS | N/A | 60Db | 40 CFR Part 60, Subpart Db | No changing attributes. |
| EP-B-6 | FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU | N/A | 60Ja | 40 CFR Part 60, Subpart Ja | No changing attributes. |
| EPB6FUG | FUGITIVE EMISSION | N/A | R5322-ALL | 30 TAC Chapter 115, | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | UNITS | | | Fugitives Pet Ref B Counties | |
| EP-FLR-FE | Fugitive Emission Units | N/A | 63CC-1FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| EP-FLR-FE | Fugitive Emission Units | N/A | 63CC-1FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| EP-FLR-FE | Fugitive Emission Units | N/A | 63CC-1FG | 40 CFR Part 63, Subpart H | No changing attributes. |
| GRP1FUG | Fugitive Emission Units | TKFMEPN-FE, TRUCKRK-FE | 63CC-1FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRP1FUG | Fugitive Emission Units | TKFMEPN-FE, TRUCKRK-FE | 63CC-1FG | 40 CFR Part 61, Subpart J | No changing attributes. |
| GRP1FUG | Fugitive Emission Units | TKFMEPN-FE, TRUCKRK-FE | 63CC-1FG | 40 CFR Part 61, Subpart V | No changing attributes. |
| GRP1FUG | Fugitive Emission Units | TKFMEPN-FE, TRUCKRK-FE | 63CC-1FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1FUG | Fugitive Emission Units | TKFMEPN-FE, TRUCKRK-FE | 63CC-1FG | 40 CFR Part 63, Subpart H | No changing attributes. |
| GRPA1FUG | Fugitive Emission Units | CRUVAC4-FE, DIST1-FE, KERO1-FE, LEU2-FE, MEROXWP-FE, REF4-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPA1FUG | Fugitive Emission Units | CRUVAC4-FE, DIST1-FE, KERO1-FE, LEU2-FE, MEROXWP-FE, REF4-FE | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRPA2FUG | Fugitive Emission Units | ALKY1-FE, FCCU1-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPA2FUG | Fugitive Emission Units | ALKY1-FE, FCCU1-FE | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRPA3FUG | Fugitive Emission Units | DEOCT-FE, QHDS2-FE, QNAPSPL-FE, QREF2-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPA3FUG | Fugitive Emission Units | DEOCT-FE, QHDS2-FE, QNAPSPL-FE, QREF2-FE | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRPB1FUG | Fugitive Emission Units | ISOM-FE, RAFF1-FE, VISBKR1-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPB1FUG | Fugitive Emission Units | ISOM-FE, RAFF1-FE, VISBKR1-FE | 60GGGALL | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| GRPB1FUG | Fugitive Emission Units | ISOM-FE, RAFF1-FE, VISBKR1-FE | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRPB2FUG | Fugitive Emission Units | COKER1-FE, GOT1-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPB2FUG | Fugitive Emission Units | COKER1-FE, GOT1-FE | 60GGGALL | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| GRPB2FUG | Fugitive Emission Units | COKER1-FE, GOT1-FE | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRPC1FUG | Fugitive Emission Units | BTX1-FE, HDA2-FE, ISOMHDS-FE, LEF1-FE, MTBETWR-FE, REF1-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPC1FUG | Fugitive Emission Units | BTX1-FE, HDA2-FE, ISOMHDS-FE, LEF1-FE, MTBETWR-FE, REF1-FE | 63HALL | 40 CFR Part 63, Subpart H | No changing attributes. |
| GRPD1FUG | Fugitive Emission Units | AVGAS-FE, ISOMSTA - FE, LEF2-FE, RAFF2-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPD1FUG | Fugitive Emission Units | AVGAS-FE, ISOMSTA - | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | | FE, LEF2-FE, RAFF2-FE | | | |
| GRPE1FUG | Fugitive Emission Units | SRU1-FE, SRU2-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| GRPE1FUG | Fugitive Emission Units | SRU1-FE, SRU2-FE | 60GGGALL | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| GRPF1FUG | Fugitive Emission Units | LEU1-FE, NONENE1-FE | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| HCU-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| HCU-FE | Fugitive Emission Units | N/A | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| HCU-FLR-FE | Fugitive Emission Units | N/A | 63CC-1FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| HCU-FLR-FE | Fugitive Emission Units | N/A | 63CC-1FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| ISOMDIP-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| ISOMDIP-FE | Fugitive Emission Units | N/A | 60VVALL | 40 CFR Part 60, Subpart VV | No changing attributes. |
| ISOMDIP-FE | Fugitive Emission Units | N/A | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| PMA-FE | Fugitive Emission Units | N/A | R5322HVY | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| PMA-FE | Fugitive Emission Units | N/A | 60GGGHVY | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| QBTX-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| QBTX-FE | Fugitive Emission Units | N/A | 63HALL | 40 CFR Part 63, Subpart H | No changing attributes. |
| QSULFO-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| QSULFO-FE | Fugitive Emission Units | N/A | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| REF2-FLR-FE | Fugitive Emission Units | N/A | 63CC-2FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| REF2-FLR-FE | Fugitive Emission Units | N/A | 63CC-2FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| REF2-FLR-FE | Fugitive Emission Units | N/A | 63CC-2FG | 40 CFR Part 63, Subpart H | No changing attributes. |
| SMR2-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| SMR2-FE | Fugitive Emission Units | N/A | 60GGGALL | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| SMR-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| SMR-FE | Fugitive Emission Units | N/A | 60GGGALL | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| SULFO1-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| SULFO1-FE | Fugitive Emission Units | N/A | 63CCVVALL | 40 CFR Part 63, Subpart CC | No changing attributes. |
| SWS1-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| SWS2-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| TBA-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| TBA-FE | Fugitive Emission Units | N/A | 60VVALL | 40 CFR Part 60, Subpart VV | No changing attributes. |
| TETRAMR-FE | Fugitive Emission Units | N/A | R5322ALL | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| TETRAMR-FE | Fugitive Emission Units | N/A | 60GGGALL | 40 CFR Part 60, Subpart GGG | No changing attributes. |
| TKFMEPS-FE | Fugitive Emission Units | N/A | 63CC-2FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| TKFMEPS-FE | Fugitive Emission Units | N/A | 63CC-2FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TKFMEPS-FE | Fugitive Emission Units | N/A | 63CC-2FG | 40 CFR Part 63, Subpart H | No changing attributes. |
| TKFMQPN-FE | Fugitive Emission Units | N/A | 63CC-1FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| TKFMQPN-FE | Fugitive Emission Units | N/A | 63CC-1FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TKFMQPN-FE | Fugitive Emission Units | N/A | 63CC-1FG | 40 CFR Part 63, Subpart H | No changing attributes. |
| TKFMWP-FE | Fugitive Emission Units | N/A | 63CC-1FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| TKFMWP-FE | Fugitive Emission Units | N/A | 63CC-1FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| WP-FLR-FE | Fugitive Emission Units | N/A | 63CC-1FG | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | No changing attributes. |
| WP-FLR-FE | Fugitive Emission Units | N/A | 63CC-1FG | 40 CFR Part 63, Subpart CC | No changing attributes. |
| SRU1 | Gas Sweetening/Sulfur Recovery Units | N/A | REG2 | 30 TAC Chapter 112, Sulfur Compounds | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| SRU2 | Gas Sweetening/Sulfur Recovery Units | N/A | REG2 | 30 TAC Chapter 112, Sulfur Compounds | No changing attributes. |
| PD-11 | Loading/Unloading Operations | N/A | COAST61BB1 | 40 CFR Part 61, Subpart BB | No changing attributes. |
| PD-11 | Loading/Unloading Operations | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| PD-11 | Loading/Unloading Operations | N/A | COAST61BB2 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Crude oil., THROUGHPUT = Source with throughput less than 10 M barrels and 200 M barrels. |
| PD-11 | Loading/Unloading Operations | N/A | COAST61BB3 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Material other than crude oil or gasoline. |
| PD-3 | Loading/Unloading Operations | N/A | COAST61BB1 | 40 CFR Part 61, Subpart BB | No changing attributes. |
| PD-3 | Loading/Unloading Operations | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| PD-3 | Loading/Unloading Operations | N/A | COAST61BB2 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Crude oil., THROUGHPUT = Source with throughput less than 10 M barrels and 200 M barrels. |
| PD-3 | Loading/Unloading Operations | N/A | COAST61BB3 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Material other than crude oil or gasoline. |
| PD-4 | Loading/Unloading Operations | N/A | COAST61BB1 | 40 CFR Part 61, Subpart BB | No changing attributes. |
| PD-4 | Loading/Unloading | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | Operations | | | | |
| PD-4 | Loading/Unloading Operations | N/A | COAST61BB2 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Crude oil., THROUGHPUT = Source with throughput less than 10 M barrels and 200 M barrels. |
| PD-4 | Loading/Unloading Operations | N/A | COAST61BB3 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Material other than crude oil or gasoline. |
| PD-6 | Loading/Unloading Operations | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| PD-7 | Loading/Unloading Operations | N/A | COAST61BB1 | 40 CFR Part 61, Subpart BB | No changing attributes. |
| PD-7 | Loading/Unloading Operations | N/A | COAST63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| PD-7 | Loading/Unloading Operations | N/A | COAST61BB2 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Crude oil., THROUGHPUT = Source with throughput less than 10 M barrels and 200 M barrels. |
| PD-7 | Loading/Unloading Operations | N/A | COAST61BB3 | 40 CFR Part 63, Subpart Y | MATERIAL LOADED = Material other than crude oil or gasoline. |
| PMA-LOAD | Loading/Unloading Operations | N/A | R5211 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| TT-RACK | Loading/Unloading Operations | N/A | 63CC-1LD | 30 TAC Chapter 115, Loading and Unloading of VOC | CHAPTER 115 FACILITY TYPE = Gasoline terminal, PRODUCT TRANSFERRED = Gasoline, TRUE VAPOR PRESSURE = True |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | | | | | vapor pressure is greater than or equal to 1.5 psia., DAILY THROUGHPUT = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals., CHPTR 115 CNTRL DEV TYPE = Vapor control system with a direct flame incinerator., TRANSFER TYPE = Only loading., VAPOR TIGHT = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected., VAPOR SPACE HOLDING TANK = the gasoline terminal does not have a variable vapor space holding tank design that can process vapors independent of transport vessel loading or chooses compliance with 30 TAC 115.212(a)(4)(C). |
| TT-RACK | Loading/Unloading Operations | N/A | 63CC-1LDA | 30 TAC Chapter 115, Loading and Unloading of VOC | CHAPTER 115 FACILITY TYPE = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal., PRODUCT TRANSFERRED = |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | | | | | Volatile organic compounds other than liquefied petroleum gas,crude oil, condensate and gasoline., TRUE VAPOR PRESSURE = True vapor pressure is less than 1.5 psia., TRANSFER TYPE = Loading and unloading. |
| TT-RACK | Loading/Unloading Operations | N/A | 63CC-1LD | 40 CFR Part 63, Subpart CC | No changing attributes. |
| 137-H-3 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 148-H-01 | Process Heaters/Furnaces | N/A | 63-DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 148-H-02 | Process Heaters/Furnaces | N/A | 63-DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 37-H-1 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 37-H-2 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 39-H-1 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 39-H-2 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 39-H-7 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| 44-H-1 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 44-H-2 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 44-H-3 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 7-H-2 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 8-H-3 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 8-H-4 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 8-H-5 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 8-H-6 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| H-TK-55 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| H-TK-71 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| H-TK-83 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| Q10-H-1 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| Q11-H-3001 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| Q11-H-3002 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| Q11-H-301 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| Q3-H-3 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| Q3-H-4 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| QH-125 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| QL-10 | Process Heaters/Furnaces | N/A | 63DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| SMR2 | Process Heaters/Furnaces | N/A | 63-DDDDD | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 131-P62-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 131-P64-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 131-P71-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 131-P72-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| 131-P74-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 131-P87-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 192G001-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 65-G01-EN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 67BD101GEN | SRIC Engines | N/A | 60-IIII | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| 67BD101GEN | SRIC Engines | N/A | 60-IIII | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 69P135CEN | SRIC Engines | N/A | 63ZZZZ | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| OCT-EM-EN4 | SRIC Engines | N/A | 63ZZZZa | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited lean burn engine. |
| OCT-EM-EN4 | SRIC Engines | N/A | 63ZZZZb | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited rich burn engine |
| OCT-ER-EN5 | SRIC Engines | N/A | 63ZZZZa | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited lean burn engine. |
| OCT-ER-EN5 | SRIC Engines | N/A | 63ZZZZb | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited rich burn engine |
| OCT-WM-EN1 | SRIC Engines | N/A | 63ZZZZa | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited lean burn engine. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| OCT-WM-EN1 | SRIC Engines | N/A | 63ZZZZb | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited rich burn engine |
| OCT-WR-EN2 | SRIC Engines | N/A | 63ZZZZa | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited lean burn engine. |
| OCT-WR-EN2 | SRIC Engines | N/A | 63ZZZZb | 40 CFR Part 63, Subpart ZZZZ | Stationary RICE Type = 4 stroke spark ignited rich burn engine |
| 194-TK-74 | Storage Tanks/Vessels | N/A | R5112-b | 30 TAC Chapter 115, Storage of VOCs | STORAGE CAPACITY = Capacity is greater than 40,000 gallons, PRODUCT STORED = VOC other than crude oil or condensate |
| 194-TK-74 | Storage Tanks/Vessels | N/A | R5112-c | 30 TAC Chapter 115, Storage of VOCs | STORAGE CAPACITY = Capacity is greater than 40,000 gallons, PRODUCT STORED = Crude oil and/or condensate |
| 194-TK-74 | Storage Tanks/Vessels | N/A | 60KB-b | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| 194-TK-74 | Storage Tanks/Vessels | N/A | 60KB-c | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| 194-TK-74 | Storage Tanks/Vessels | N/A | 60KB-d | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| 194-TK-74 | Storage Tanks/Vessels | N/A | 60QQQ | 40 CFR Part 60, Subpart QQQ | No changing attributes. |
| 194-TK-74 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| 194-TK-74 | Storage Tanks/Vessels | N/A | 63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| 29-TK-101 | Storage Tanks/Vessels | N/A | TAC115-1TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| 29-TK-101 | Storage Tanks/Vessels | N/A | TAC115-1TK | 40 CFR Part 60, Subpart Kb | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| 43-TK-2 | Storage Tanks/Vessels | N/A | 61FF-1TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| 43-TK-2 | Storage Tanks/Vessels | N/A | 61FF-1TK | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| 43-TK-2 | Storage Tanks/Vessels | N/A | 61FF-1TK | 40 CFR Part 61, Subpart FF | No changing attributes. |
| 43-TK-2 | Storage Tanks/Vessels | N/A | 61FF-1TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| 43-TK-2 | Storage Tanks/Vessels | N/A | 63GGGGG | 40 CFR Part 63, Subpart GGGGG | No changing attributes. |
| 8-TK-1 | Storage Tanks/Vessels | N/A | TAC115-1TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| 8-TK-1 | Storage Tanks/Vessels | N/A | TAC115-1TK | 40 CFR Part 61, Subpart FF | No changing attributes. |
| GRP11TANKS | Storage Tanks/Vessels | TK-351, TK-352 | 63CC-7TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP11TANKS | Storage Tanks/Vessels | TK-351, TK-352 | 63CC-7TK | 40 CFR Part 60, Subpart K | No changing attributes. |
| GRP11TANKS | Storage Tanks/Vessels | TK-351, TK-352 | 63CC-7TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1ATANKS | Storage Tanks/Vessels | TK-210, TK-211 | 63G-1TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| GRP1BTANKS | Storage Tanks/Vessels | TK-15, TK-17, TK-54, TK-55, TK-70, TK-71, TK-74, TK-80, TK-83, TK-86 | 63CC-1TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1CTANKS | Storage Tanks/Vessels | TK-94, TK-95 | 63CC-1TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP1TANKS | Storage Tanks/Vessels | TK-320, TK-321, TK-322, TK-325, TK-327, TK-328 | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP1TANKS | Storage Tanks/Vessels | TK-320, TK-321, TK-322, TK-325, TK-327, TK-328 | 63G-1TK | 40 CFR Part 60, Subpart K | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRP1TANKS | Storage Tanks/Vessels | TK-320, TK-321, TK-322, TK-325, TK-327, TK-328 | 63G-1TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| GRP2ATANKS | Storage Tanks/Vessels | TK-142, TK-207 | 63G-2TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| GRP2BTANKS | Storage Tanks/Vessels | TK-72, TK-73, TK-75, TK-79 | 63CC-4TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP2BTANKS | Storage Tanks/Vessels | TK-72, TK-73, TK-75, TK-79 | 63CC-4TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP2CTANKS | Storage Tanks/Vessels | TK-93, TK-96 | 63CC-2TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP2CTANKS | Storage Tanks/Vessels | TK-93, TK-96 | 63CC-2TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP2TANKS | Storage Tanks/Vessels | TK-350, TK-353 | 63CC-1TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP3A1TANK | Storage Tanks/Vessels | TK-103, TK-104, TK-215 | 63CC-1TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP3ATANKS | Storage Tanks/Vessels | TK-113, TK-114, TK-115, TK-116, TK-147, TK-203, TK-204 | 63CC-1TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP3BTANKS | Storage Tanks/Vessels | TK-57, TK-58, TK-82, TK-84, TK-91, TK-92 | 63CC-5TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP3BTANKS | Storage Tanks/Vessels | TK-57, TK-58, TK-82, TK-84, TK-91, TK-92 | 63CC-5TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP3CTANKS | Storage Tanks/Vessels | TK-97, TK-98, TK-99 | 63CC-3TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP3CTANKS | Storage Tanks/Vessels | TK-97, TK-98, TK-99 | 63CC-3TK | 40 CFR Part 60, Subpart K | No changing attributes. |
| GRP3CTANKS | Storage Tanks/Vessels | TK-97, TK-98, TK-99 | 63CC-3TK | 40 CFR Part 63, Subpart CC | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRP3TANKS | Storage Tanks/Vessels | TK-323, TK-324 | 63G-3TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP3TANKS | Storage Tanks/Vessels | TK-323, TK-324 | 63G-3TK | 40 CFR Part 60, Subpart K | No changing attributes. |
| GRP3TANKS | Storage Tanks/Vessels | TK-323, TK-324 | 63G-3TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| GRP4ATANKS | Storage Tanks/Vessels | TK-111, TK-112 | 63G-3TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP4ATANKS | Storage Tanks/Vessels | TK-111, TK-112 | 63G-3TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| GRP4BTANKS | Storage Tanks/Vessels | TK-88, TK-90 | 63CC-7TK | 40 CFR Part 60, Subpart K | No changing attributes. |
| GRP4TANKS | Storage Tanks/Vessels | TK-326, TK-329 | 63CC-2TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP4TANKS | Storage Tanks/Vessels | TK-326, TK-329 | 63CC-2TK | 40 CFR Part 60, Subpart K | No changing attributes. |
| GRP4TANKS | Storage Tanks/Vessels | TK-326, TK-329 | 63CC-2TK | 40 CFR Part 61, Subpart FF | No changing attributes. |
| GRP4TANKS | Storage Tanks/Vessels | TK-326, TK-329 | 63CC-2TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP4TANKS | Storage Tanks/Vessels | TK-326, TK-329 | 63GGGGG | 40 CFR Part 63, Subpart GGGGG | No changing attributes. |
| GRP5TANKS | Storage Tanks/Vessels | TK-359, TK-360 | 63CC-3TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP6BTANKS | Storage Tanks/Vessels | TK-20, TK-21, TK-22, TK-50, TK-52, TK-53, TK-89 | 63CC-1TK1 | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP6TANKS | Storage Tanks/Vessels | TK-355, TK-357, TK-358, TK-370, TK-371 | 63CC-4TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP6TANKS | Storage Tanks/Vessels | TK-355, TK-357, TK-358, TK-370, TK-371 | 63CC-4TK | 40 CFR Part 60, Subpart K | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GRP6TANKS | Storage Tanks/Vessels | TK-355, TK-357, TK-358, TK-370, TK-371 | 63CC-4TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP7ATANKS | Storage Tanks/Vessels | TK-151 | 63CC-5TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP7ATANKS | Storage Tanks/Vessels | TK-151 | 63CC-5TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP7TANKS | Storage Tanks/Vessels | TK-334, TK-335 | 63CC-5TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP9ATANKS | Storage Tanks/Vessels | TK-118, TK-7 | 63CC-6TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| GRP9TANKS | Storage Tanks/Vessels | TK-310, TK-311, TK-312 | 63CC-8TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| SWS1-T3 | Storage Tanks/Vessels | N/A | TAC115-2TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| SWS1-T3 | Storage Tanks/Vessels | N/A | TAC115-2TK | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| SWS1-T3 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-100 | Storage Tanks/Vessels | N/A | R5112-b | 30 TAC Chapter 115, Storage of VOCs | STORAGE CAPACITY = Capacity is greater than 40,000 gallons, PRODUCT STORED = VOC other than crude oil or condensate |
| TK-100 | Storage Tanks/Vessels | N/A | R5112-c | 30 TAC Chapter 115, Storage of VOCs | STORAGE CAPACITY = Capacity is greater than 40,000 gallons, PRODUCT STORED = Crude oil and/or condensate |
| TK-100 | Storage Tanks/Vessels | N/A | 60K-b | 40 CFR Part 60, Subpart K | No changing attributes. |
| TK-100 | Storage Tanks/Vessels | N/A | 60K-c | 40 CFR Part 60, Subpart K | No changing attributes. |
| TK-100 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| TK-100 | Storage Tanks/Vessels | N/A | 63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-102 | Storage Tanks/Vessels | N/A | 63CC-10TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-102 | Storage Tanks/Vessels | N/A | 63CC-10TK | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-102 | Storage Tanks/Vessels | N/A | 63CC-10TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-108 | Storage Tanks/Vessels | N/A | 63CC-3TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-108 | Storage Tanks/Vessels | N/A | 63CC-3TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-108 | Storage Tanks/Vessels | N/A | 63CC-3TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-109 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-109 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-110 | Storage Tanks/Vessels | N/A | 63CC-3TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-110 | Storage Tanks/Vessels | N/A | 60KB-a | 40 CFR Part 60, Subpart Kb | Product Stored = Crude oil stored, processed, and/or treated after custody transfer, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia |
| TK-110 | Storage Tanks/Vessels | N/A | 60KB-b | 40 CFR Part 60, Subpart Kb | Product Stored = Waste mixture of indeterminate or variable composition |
| TK-110 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| TK-110 | Storage Tanks/Vessels | N/A | 63CC-3TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-128 | Storage Tanks/Vessels | N/A | 63CC-2TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-128 | Storage Tanks/Vessels | N/A | 63CC-2TK | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-128 | Storage Tanks/Vessels | N/A | 63CC-2TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-128 | Storage Tanks/Vessels | N/A | 63CC-2TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-138 | Storage Tanks/Vessels | N/A | 63CC-1TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-14 | Storage Tanks/Vessels | N/A | 63CC-8TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-146 | Storage Tanks/Vessels | N/A | 63CC-4TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-146 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-146 | Storage Tanks/Vessels | N/A | 63CC-4TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-152 | Storage Tanks/Vessels | N/A | 63CC-4TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-152 | Storage Tanks/Vessels | N/A | 63CC-4TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-153 | STORAGE TANKS/VESSELS | N/A | R5112-10TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-153 | STORAGE TANKS/VESSELS | N/A | 60Kb-10TK | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-153 | STORAGE TANKS/VESSELS | N/A | 63CC-10TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-201 | Storage Tanks/Vessels | N/A | 60KB-b | 40 CFR Part 60, Subpart Kb | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| TK-201 | Storage Tanks/Vessels | N/A | 60KB-c | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-201 | Storage Tanks/Vessels | N/A | 60KB-d | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-201 | Storage Tanks/Vessels | N/A | 60KB-e | 40 CFR Part 60, Subpart Kb | Product Stored = Volatile organic liquid, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia |
| TK-201 | Storage Tanks/Vessels | N/A | 63G-6TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-202 | Storage Tanks/Vessels | N/A | 63G-3TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-202 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-202 | Storage Tanks/Vessels | N/A | 63G-3TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-205 | Storage Tanks/Vessels | N/A | 63CC-10TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-205 | Storage Tanks/Vessels | N/A | 63CC-10TK | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-205 | Storage Tanks/Vessels | N/A | 63CC-10TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-205 | Storage Tanks/Vessels | N/A | 63GGGGG | 40 CFR Part 63, Subpart GGGGG | No changing attributes. |
| TK-206 | Storage Tanks/Vessels | N/A | R5112-b | 30 TAC Chapter 115, Storage of VOCs | STORAGE CAPACITY = Capacity is greater than 40,000 gallons, PRODUCT STORED = VOC other than crude oil or condensate |
| TK-206 | Storage Tanks/Vessels | N/A | R5112-c | 30 TAC Chapter 115, Storage of VOCs | STORAGE CAPACITY = Capacity is greater than 40,000 gallons, |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | | | | | PRODUCT STORED = Crude oil and/or condensate |
| TK-206 | Storage Tanks/Vessels | N/A | 60KB-b | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-206 | Storage Tanks/Vessels | N/A | 60KB-c | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-206 | Storage Tanks/Vessels | N/A | 60KB-d | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-206 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-206 | Storage Tanks/Vessels | N/A | 63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-208 | Storage Tanks/Vessels | N/A | 63CC-4TK1 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-208 | Storage Tanks/Vessels | N/A | 63CC-4TK1 | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-212 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-212 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-212 | Storage Tanks/Vessels | N/A | 63CC | 40 CFR Part 63, Subpart CC | Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. |
| TK-212 | Storage Tanks/Vessels | N/A | 63CC-4TK1 | 40 CFR Part 63, Subpart CC | Existing Source = The storage vessel is at an existing source., True Vapor Pressure = Maximum true vapor pressure of the total |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | | | | | organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Fixed roof and an internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111), Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) |
| TK-212 | Storage Tanks/Vessels | N/A | 63GGGGG | 40 CFR Part 63, Subpart GGGGG | No changing attributes. |
| TK-213 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-213 | Storage Tanks/Vessels | N/A | 61FF | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-213 | Storage Tanks/Vessels | N/A | 63CC | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-213 | Storage Tanks/Vessels | N/A | 63GGGGG | 40 CFR Part 63, Subpart GGGGG | No changing attributes. |
| TK-330 | Storage Tanks/Vessels | N/A | 63CC-6TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-330 | Storage Tanks/Vessels | N/A | 63CC-6TK | 40 CFR Part 60, Subpart Ka | No changing attributes. |
| TK-330 | Storage Tanks/Vessels | N/A | 63CC-6TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-331 | Storage Tanks/Vessels | N/A | 63CC-6TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-331 | Storage Tanks/Vessels | N/A | 63CC-6TK | 40 CFR Part 60, Subpart Ka | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| TK-331 | Storage Tanks/Vessels | N/A | 63CC-6TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-333 | STORAGE TANKS/VESSELS | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-333 | STORAGE TANKS/VESSELS | N/A | 60KB | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-333 | STORAGE TANKS/VESSELS | N/A | 63G-7TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-336 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-336 | Storage Tanks/Vessels | N/A | 63G-4TK | 40 CFR Part 60, Subpart Ka | No changing attributes. |
| TK-336 | Storage Tanks/Vessels | N/A | 63CC-4TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-336 | Storage Tanks/Vessels | N/A | 63G-4TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-356 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-356 | Storage Tanks/Vessels | N/A | 63G-2TK | 40 CFR Part 60, Subpart K | No changing attributes. |
| TK-356 | Storage Tanks/Vessels | N/A | 63G-2TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-61 | STORAGE TANKS/VESSELS | N/A | 63CC-8TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-62 | STORAGE TANKS/VESSELS | N/A | 63CC-8TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-77 | Storage Tanks/Vessels | N/A | 63CC-1TK | 40 CFR Part 63, Subpart CC | No changing attributes. |
| TK-85 | Storage Tanks/Vessels | N/A | 63CC-6TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| TK-85 | Storage Tanks/Vessels | N/A | 63CC-6TK | 40 CFR Part 60, Subpart K | No changing attributes. |
| TK-85 | Storage Tanks/Vessels | N/A | 63CC-6TK | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-85 | Storage Tanks/Vessels | N/A | 63CC-6TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-85 | Storage Tanks/Vessels | N/A | 63GGGGG | 40 CFR Part 63, Subpart GGGGG | No changing attributes. |
| TK-9 | Storage Tanks/Vessels | N/A | 61FF-2TK | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-9 | Storage Tanks/Vessels | N/A | 61FF-2TK | 40 CFR Part 60, Subpart Kb | No changing attributes. |
| TK-9 | Storage Tanks/Vessels | N/A | 61FF-2TK | 40 CFR Part 61, Subpart FF | No changing attributes. |
| TK-9 | Storage Tanks/Vessels | N/A | 61FF-2TK | 40 CFR Part 63, Subpart G | No changing attributes. |
| TK-9 | Storage Tanks/Vessels | N/A | 63GGGGG | 40 CFR Part 63, Subpart GGGGG | No changing attributes. |
| 194-TK-65 | Volatile Organic Compound Water Separators | N/A | R5131 | 30 TAC Chapter 115, Water Separation | No changing attributes. |
| 194-TK-65 | Volatile Organic Compound Water Separators | N/A | 60QQQ | 40 CFR Part 60, Subpart QQQ | No changing attributes. |
| 194-TK-65 | Volatile Organic Compound Water Separators | N/A | 60FF-a | 40 CFR Part 61, Subpart FF | No changing attributes. |
| 194-TK-85 | Volatile Organic Compound Water Separators | N/A | R5131 | 30 TAC Chapter 115, Water Separation | No changing attributes. |
| 194-TK-85 | Volatile Organic Compound Water Separators | N/A | 60QQQ | 40 CFR Part 60, Subpart QQQ | No changing attributes. |
| 194-TK-85 | Volatile Organic Compound | N/A | 60FF-a | 40 CFR Part 61, Subpart FF | No changing attributes. |

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| | Water Separators | | | | |
| WWS-EP | Volatile Organic Compound Water Separators | N/A | R5131 | 30 TAC Chapter 115, Water Separation | No changing attributes. |
| WWS-EP | Volatile Organic Compound Water Separators | N/A | 60QQQ | 40 CFR Part 60, Subpart QQQ | No changing attributes. |
| WWS-EP | Volatile Organic Compound Water Separators | N/A | 60FF-a | 40 CFR Part 61, Subpart FF | No changing attributes. |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP1ABOIL | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| GRP1BBOIL | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 116T202VNT | EP | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(3) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| 116T202VNT | EP | 63CCa | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.116(b)<br>§ 63.643(a)(2)<br>§ 63.643(b) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.644(a)<br>§ 63.644(a)(3)<br>§ 63.644(d)<br>§ 63.644(e)<br>§ 63.645(a) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>§ 63.644(d)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(2)<br>[G]§ 63.655(f)(3)<br>§ 63.655(f)(4)<br>§ 63.655(h)<br>§ 63.655(h)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| 130-PSA OG | EP | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(3) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| 130-V-08 | EP | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(3) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| 154T010VNT | EP | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(3) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| 154T010VNT | EP | 63CCa | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.116(b)<br>§ 63.643(a)(2)<br>§ 63.643(b) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.644(a)<br>§ 63.644(a)(3)<br>§ 63.644(d)<br>§ 63.644(e)<br>§ 63.645(a) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>§ 63.644(d)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(2)<br>[G]§ 63.655(f)(3)<br>§ 63.655(f)(4)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| BTX1-V1 | EP | 63G-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| BTX1-V1 | EP | 63G-1PV | 112(B) HAPS | 40 CFR Part 63, | [G]§ 63.113(a)(1) | Reduce emissions of organic HAP | § 63.114(a) | [G]§ 63.117(a)(5) | § 63.114(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart G | § 63.11<br>§ 63.113(h)<br>[G]§ 63.115(f) | using a flare.§63.113(a)(1)(i)-(ii) | § 63.114(a)(2)<br>[G]§ 63.115(f)<br>[G]§ 63.116(a) | § 63.118(a)(1)<br>§ 63.118(a)(2)<br>[G]§ 63.152(a)<br>[G]§ 63.152(f) | [G]§ 63.117(a)(5)<br>§ 63.117(f)<br>§ 63.118(f)(2)<br>§ 63.118(f)(5)<br>[G]§ 63.151(b)<br>§ 63.151(e)<br>[G]§ 63.151(e)(1)<br>§ 63.151(e)(2)<br>§ 63.151(e)(3)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>[G]§ 63.152(b)(2)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(2)(i)<br>[G]§ 63.152(c)(2)(ii)<br>§ 63.152(c)(2)(iii)<br>§ 63.152(c)(4)(ii)<br>[G]§ 63.152(c)(6) |
| COKER1-V2 | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| COKER1-V2 | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| COKER1-V6 | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| COKER1-V6 | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| EPSULF-V3 | EP | 63CC-2PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| EPSULF-V3 | EP | 63CC-2PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GOT1-V1 | EP | 63CC-PV | VOC | 30 TAC Chapter 115, Vent Gas | § 115.121(b)<br>§ 115.122(b) | In Nueces and Victoria Counties, any process vent containing one or | [G]§ 115.125<br>§ 115.126(2) | § 115.126<br>§ 115.126(2) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Controls | § 115.122(b)(2) | more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | ** See Periodic Monitoring Summary | | |
| GOT1-V1 | EP | 63CC-PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| SWS2-V1 | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| SWS2-V1 | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| VAC4-V1 | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | shall be controlled properly in accordance with §115.122(b). | | | |
| VAC4-V1 | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1AVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1AVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1BVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP1BVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1CVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1CVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1DVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1DVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b) | The owner or operator of a Group 1 miscellaneous process vent as | § 63.116(a)(2)<br>§ 63.116(a)(3) | § 63.642(e)<br>§ 63.655(h)(1) | § 63.642(f)<br>[G]§ 63.655(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.643(a)(1) | defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1EVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1EVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1FVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1FVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | §63.643(a)(1)-(2). | § 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | | [G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1HVENTS | EP | 63CC-2PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1HVENTS | EP | 63CC-2PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1KVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1KVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 63.645(i) | | § 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP1LVENTS | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP1LVENTS | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>§ 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| GRP2BVENTS | EP | 63CC-2PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| GRP2BVENTS | EP | 63CC-2PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 63.645(i) | | § 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| LEUMER-V1 | EP | 63CC-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| LEUMER-V1 | EP | 63CC-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.643(a)<br>§ 63.11(b)<br>§ 63.643(a)(1) | The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2). | § 63.116(a)(2)<br>§ 63.116(a)(3)<br>§ 63.644(a)<br>§ 63.644(a)(2)<br>§ 63.644(e)<br>§ 63.645(a)<br>§ 63.645(i) | § 63.642(e)<br>§ 63.655(h)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(ii)<br>[G]§ 63.655(f)(1)(iv)<br>[G]§ 63.655(f)(2)<br>§ 63.655(f)(4)<br>§ 63.655(g)<br>§ 63.655(g)(6)<br>§ 63.655(h)<br>§ 63.655(h)(1) |
| PMA-VENT | EP | R5121 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(b)(2)(A)<br>§ 115.127(b)(2) | A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b). | [G]§ 115.125<br>§ 115.126(2)<br>§ 115.126(3)(B) | § 115.126<br>§ 115.126(2)<br>§ 115.126(3)<br>§ 115.126(3)(B) | None |
| QBTX-V1 | EP | 63G-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| QBTX-V1 | EP | 63G-1PV | 112(B) HAPS | 40 CFR Part 63, Subpart G | [G]§ 63.113(a)(1)<br>§ 63.11 | Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii) | § 63.114(a)<br>§ 63.114(a)(2) | [G]§ 63.117(a)(5)<br>§ 63.118(a)(1) | § 63.114(e)<br>[G]§ 63.117(a)(5) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.113(h)<br>[G]§ 63.115(f) | | [G]§ 63.115(f)<br>[G]§ 63.116(a) | § 63.118(a)(2)<br>[G]§ 63.152(a)<br>[G]§ 63.152(f) | § 63.117(f)<br>§ 63.118(f)(2)<br>§ 63.118(f)(5)<br>[G]§ 63.151(b)<br>§ 63.151(e)<br>[G]§ 63.151(e)(1)<br>§ 63.151(e)(2)<br>§ 63.151(e)(3)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>[G]§ 63.152(b)(2)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(2)(i)<br>[G]§ 63.152(c)(2)(ii)<br>§ 63.152(c)(2)(iii)<br>§ 63.152(c)(4)(ii)<br>[G]§ 63.152(c)(6) |
| SMR-V3 | EP | R5121-1PV | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(b)<br>§ 115.122(b)<br>§ 115.122(b)(2) | In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b). | [G]§ 115.125<br>§ 115.126(2)<br>** See Periodic Monitoring Summary | § 115.126<br>§ 115.126(2) | None |
| 137-H-3 | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| 148-H-01 | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| 148-H-02 | EU | 60J-1HT | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| 195-H-48BU | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| 2REGENVENT | EU | 63UUU | HYDROGEN | 40 CFR Part 63, | § 63.1567(a)(1)- | For each existing semi- | § 63.1567(b)(1) | § 63.1567(b)(1)- | § 63.1567(b)(6) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | CHLORIDE | Subpart UUU | Table22.1<br>§ 63.1567(a)(1)<br>§ 63.1567(a)(1)(i)<br>§ 63.1567(a)(1)(ii)<br>§ 63.1567(a)(2)<br>§ 63.1567(a)(2)-Table23.1<br>§ 63.1567(a)(3)<br>§ 63.1567(b)(3)<br>§ 63.1567(b)(4)<br>§ 63.1567(b)(4)(i)<br>§ 63.1567(b)(5)<br>§ 63.1567(b)(5)-Table26.1<br>§ 63.1567(c)(1)<br>§ 63.1570(a)<br>§ 63.1570(c)<br>§ 63.1570(d)<br>§ 63.1570(g)<br>§ 63.1571(d)(4)<br>[G]§ 63.1571(e) | regenerative CRU, you must reduce uncontrolled emissions of hydrogen chloride (HCl) by 92 percent by weight or to a concentration of 30 ppmv (dry basis), corrected to 3% oxygen. | § 63.1567(b)(1)-Table24.1<br>§ 63.1567(b)(2)<br>§ 63.1567(b)(2)-Table25.1.a.(1)<br>§ 63.1567(b)(2)-Table25.1.a.(2)<br>§ 63.1567(b)(2)-Table25.1.b<br>§ 63.1567(b)(2)-Table25.1.c<br>§ 63.1567(b)(2)-Table25.1.d<br>§ 63.1567(b)(2)-Table25.1.e.(1)<br>§ 63.1567(b)(2)-Table25.1.e.(2)<br>§ 63.1567(b)(2)-Table25.1.e.(3)<br>§ 63.1567(b)(2)-Table25.1.e.(4)<br>§ 63.1567(b)(2)-Table25.2.a.i<br>§ 63.1567(b)(2)-Table25.2.a.ii<br>§ 63.1567(b)(2)-Table25.2.b.i<br>§ 63.1567(b)(2)-Table25.2.b.ii<br>§ 63.1567(c)(1)-Table27.1<br>§ 63.1567(c)(1)-Table28.1.a<br>§ 63.1567(c)(1)-Table28.1.b<br>§ 63.1571(a)<br>§ 63.1571(a)(1)<br>[G]§ 63.1571(b)<br>§ 63.1572(c) | Table24.1<br>§ 63.1567(b)(2)-Table25.2.a.i<br>§ 63.1567(b)(2)-Table25.2.b.i<br>§ 63.1567(c)(1)-Table28.1.a<br>§ 63.1567(c)(1)-Table28.1.b<br>§ 63.1567(c)(2)<br>§ 63.1570(c)<br>§ 63.1572(c)(4)<br>§ 63.1572(c)(5)<br>§ 63.1573(b)(1)<br>[G]§ 63.1576(a)<br>§ 63.1576(d)<br>§ 63.1576(e)<br>§ 63.1576(f)<br>§ 63.1576(g)<br>§ 63.1576(h)<br>§ 63.1576(i) | § 63.1567(b)(7)<br>§ 63.1570(f)<br>§ 63.1571(a)<br>§ 63.1571(d)(4)<br>§ 63.1571(d)(4)<br>[G]§ 63.1574(a)<br>§ 63.1574(d)<br>§ 63.1574(d)-Table42.1<br>§ 63.1574(d)-Table42.2<br>§ 63.1574(d)-Table42.3<br>§ 63.1575(a)<br>§ 63.1575(a)-Table43.1<br>[G]§ 63.1575(b)<br>[G]§ 63.1575(c)<br>[G]§ 63.1575(d)<br>[G]§ 63.1575(f)<br>§ 63.1575(g)<br>[G]§ 63.1575(h) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 63.1572(c)(1)<br>§ 63.1572(c)(1)-Table41.1<br>§ 63.1572(c)(2)<br>§ 63.1572(c)(3)<br>§ 63.1572(c)(4)<br>[G]§ 63.1572(d)<br>[G]§ 63.1573(a)(1)<br>§ 63.1573(b)(1) | | |
| 2REGENVENT | EU | 63UUU | TOC | 40 CFR Part 63, Subpart UUU | § 63.1566(a)(1)(i)-Table15.1<br>§ 63.1566(a)(1)<br>§ 63.1566(a)(2)<br>§ 63.1566(a)(2)-Table16.1<br>§ 63.1566(a)(3)<br>§ 63.1566(a)(4)<br>§ 63.1566(a)(5)<br>§ 63.1566(b)(3)<br>§ 63.1566(b)(4)<br>§ 63.1566(b)(6)<br>§ 63.1566(b)(6)-Table19.1<br>§ 63.1566(c)(1)<br>§ 63.1566(c)(2)<br>§ 63.1570(a)<br>§ 63.1570(b)<br>§ 63.1570(c)<br>§ 63.1570(d)<br>§ 63.1570(g)<br>[G]§ 63.1571(e) | For each applicable process vent for a new or existing catalytic reforming unit, you must vent emissions of total organic compounds (TOC) to a flare that meets the control device requirements in §63.11(b) (Option 1). Visible emissions from a flare must not exceed a total of 5 minutes during any 2-hour operating period. | § 63.1566(b)(1)<br>§ 63.1566(b)(1)-Table17.1<br>§ 63.1566(b)(2)<br>§ 63.1566(b)(2)-Table18.1.a<br>§ 63.1566(b)(2)-Table18.1.b<br>§ 63.1566(c)(1)-Table20.1<br>§ 63.1566(c)(1)-Table21.1<br>§ 63.1571(a)<br>§ 63.1571(a)(1)<br>[G]§ 63.1571(b)<br>[G]§ 63.1572(d) | § 63.1566(c)(1)-Table21.1<br>§ 63.1570(c)<br>[G]§ 63.1576(a)<br>§ 63.1576(c)<br>§ 63.1576(d)<br>§ 63.1576(e)<br>§ 63.1576(f)<br>§ 63.1576(g)<br>§ 63.1576(h)<br>§ 63.1576(i) | § 63.1566(b)(7)<br>§ 63.1566(b)(8)<br>§ 63.1570(f)<br>§ 63.1571(a)<br>[G]§ 63.1574(a)<br>§ 63.1574(d)<br>§ 63.1574(d)-Table42.1<br>§ 63.1574(d)-Table42.2<br>§ 63.1574(d)-Table42.3<br>§ 63.1575(a)<br>§ 63.1575(a)-Table43.1<br>[G]§ 63.1575(b)<br>[G]§ 63.1575(c)<br>[G]§ 63.1575(d)<br>[G]§ 63.1575(f)<br>§ 63.1575(g)<br>[G]§ 63.1575(h) |
| 44-H-3 | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.106(a)<br>[G]§ 60.106(e)(1) | | |
| 7-H-2 | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| EP-FLARE1 | EU | 60Ja | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart Ja | § 60.102a(g)(1)(ii)<br>§ 60.102a(a)<br>§ 60.102a(g)<br>§ 60.102a(g)(1)<br>§ 60.102a(g)(3)<br>§ 60.102a(h)<br>§ 60.102a(i)<br>[G]§ 60.103a(a)<br>§ 60.103a(b) | For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains $H_2S$ in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and $H_2S$ in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis. | [G]§ 60.103a(a)<br>§ 60.104a(a)<br>§ 60.104a(c)<br>§ 60.104a(i)<br>§ 60.104a(i)(1)<br>§ 60.104a(i)(2)<br>§ 60.104a(i)(3)<br>[G]§ 60.104a(i)(4)<br>[G]§ 60.104a(j)<br>§ 60.107a(a)<br>[G]§ 60.107a(a)(2)<br>[G]§ 60.107a(d)<br>[G]§ 60.107a(e)<br>§ 60.107a(f)<br>§ 60.107a(f)(2)<br>§ 60.107a(f)(4) | § 60.108a(a)<br>§ 60.108a(c)<br>§ 60.108a(c)(1)<br>[G]§ 60.108a(c)(6)<br>[G]§ 60.108a(d) | § 60.108a(a)<br>§ 60.108a(b)<br>[G]§ 60.108a(d) |
| GRP1ABOIL | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)(4)(iii) | |
| GRP1AENG | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>[G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>§ 60.107(e) | [G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.107(f)<br>§ 60.107(g) |
| GRP1BBOIL | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| GRP1BHEAT | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | | |
| GRP1DHEAT | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| GRP1EHEAT | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| GRP1FHEAT | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | | |
| GRP1HEAT | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| GRP1LHEAT | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| HCU-FL1 | EU | 60Ja | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart Ja | § 60.102a(g)(1)(ii)<br>§ 60.102a(a)<br>§ 60.102a(g)<br>§ 60.102a(g)(1)<br>§ 60.102a(g)(3)<br>§ 60.102a(h)<br>§ 60.102a(i) | For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains $H_2S$ in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and $H_2S$ | [G]§ 60.103a(a)<br>§ 60.104a(a)<br>§ 60.104a(c)<br>§ 60.104a(i)<br>§ 60.104a(i)(1)<br>§ 60.104a(i)(2)<br>§ 60.104a(i)(3) | § 60.108a(a)<br>§ 60.108a(c)<br>§ 60.108a(c)(1)<br>[G]§ 60.108a(c)(6)<br>[G]§ 60.108a(d) | § 60.108a(a)<br>§ 60.108a(b)<br>[G]§ 60.108a(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.103a(a)<br>§ 60.103a(b) | in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis. | [G]§ 60.104a(i)(4)<br>[G]§ 60.104a(j)<br>§ 60.107a(a)<br>[G]§ 60.107a(a)(2)<br>[G]§ 60.107a(d)<br>[G]§ 60.107a(e)<br>§ 60.107a(f)<br>§ 60.107a(f)(2)<br>§ 60.107a(f)(4) | | |
| H-TK-55 | EU | 60Ja | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart Ja | § 60.102a(g)(1)(ii)<br>§ 60.102a(a)<br>§ 60.102a(g)<br>§ 60.102a(g)(1)<br>§ 60.103a(b) | For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains $H_2S$ in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and $H_2S$ in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis. | § 60.104a(a)<br>§ 60.104a(c)<br>§ 60.104a(i)<br>§ 60.104a(i)(1)<br>§ 60.104a(i)(2)<br>§ 60.104a(i)(3)<br>[G]§ 60.104a(i)(4)<br>[G]§ 60.104a(j)<br>§ 60.107a(a)<br>[G]§ 60.107a(a)(2)<br>§ 60.107a(f)<br>§ 60.107a(f)(2) | § 60.108a(a)<br>§ 60.108a(c)<br>[G]§ 60.108a(c)(6)<br>[G]§ 60.108a(d) | § 60.108a(a)<br>§ 60.108a(b)<br>[G]§ 60.108a(d) |
| H-TK-71 | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| Q3-H-4 | EU | 60J-1 | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)(4)(iii) | |
| Q3-H-4 | EU | 60J-2 | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>[G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>§ 60.107(e) | [G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.107(f)<br>§ 60.107(g) |
| QH-125 | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |
| QL-10 | EU | 60J-1 | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(a)<br>§ 60.105(a)(4)<br>§ 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.107(f)<br>§ 60.107(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | | |
| QL-10 | EU | 60J-2 | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>[G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>§ 60.107(e) | [G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.107(f)<br>§ 60.107(g) |
| REF2-FL1 | EU | 60Ja | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart Ja | § 60.102a(g)(1)(ii)<br>§ 60.102a(a)<br>§ 60.102a(g)<br>§ 60.102a(g)(1)<br>§ 60.102a(g)(3)<br>§ 60.102a(h)<br>§ 60.102a(i)<br>[G]§ 60.103a(a)<br>§ 60.103a(b) | For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains $H_2S$ in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and $H_2S$ in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis. | [G]§ 60.103a(a)<br>§ 60.104a(a)<br>§ 60.104a(c)<br>§ 60.104a(i)<br>§ 60.104a(i)(1)<br>§ 60.104a(i)(2)<br>§ 60.104a(i)(3)<br>[G]§ 60.104a(i)(4)<br>[G]§ 60.104a(j)<br>§ 60.107a(a)<br>[G]§ 60.107a(a)(2)<br>[G]§ 60.107a(d)<br>[G]§ 60.107a(e)<br>§ 60.107a(f)<br>§ 60.107a(f)(2)<br>§ 60.107a(f)(4) | § 60.108a(a)<br>§ 60.108a(c)<br>§ 60.108a(c)(1)<br>[G]§ 60.108a(c)(6)<br>[G]§ 60.108a(d) | § 60.108a(a)<br>§ 60.108a(b)<br>[G]§ 60.108a(d) |
| SMR2 | EU | 60J-1 | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104 | No owner or operator subject to the provisions of this subpart shall | § 60.105(a)<br>§ 60.105(a)(4) | § 60.105(a)<br>§ 60.105(a)(4) | § 60.105(e)<br>§ 60.105(e)(3)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.104(a) | burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii)<br>§ 60.105(e)<br>§ 60.105(e)(3)(ii)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)(4)(i)<br>§ 60.105(a)(4)(ii)<br>§ 60.105(a)(4)(iii) | § 60.107(f)<br>§ 60.107(g) |
| SMR2 | EU | 60J-2 | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>[G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>§ 60.107(e) | [G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.107(f)<br>§ 60.107(g) |
| SRU1 | EU | 60J-a | $SO_2$ | 40 CFR Part 60, Subpart J | § 60.104(a)(2)(i)<br>§ 60.104<br>§ 60.104(a)<br>§ 60.104(a)(2) | No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge from any Claus sulfur recovery plant with an oxidation control system or a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume (dry basis) of sulfur dioxide at zero percent excess air into the atmosphere. | § 60.105(a)<br>[G]§ 60.105(a)(5)<br>§ 60.105(e)<br>§ 60.105(e)(4)(i)<br>§ 60.106(a)<br>[G]§ 60.106(f)<br>See Alternative Requirement | § 60.105(a)<br>[G]§ 60.105(a)(5) | § 60.105(e)<br>§ 60.105(e)(4)(i)<br>§ 60.107(f)<br>§ 60.107(g) |
| SRU1 | EU | 63UUU | 112(B) HAPS | 40 CFR Part 63, Subpart UUU | § 63.1569(a)(1)(i)-Table36.1<br>§ 63.1569(a)(1)<br>§ 63.1569(a)(3) | If you elect to install an automated system (Option 1), you must install and operate a device (including a flow indicator, level recorder, or | § 63.1569(b)(1)<br>§ 63.1569(b)(1)-Table37.1<br>§ 63.1569(c)(1)- | § 63.1569(b)(1)-Table37.1<br>§ 63.1569(c)(1)-Table39.1 | § 63.1569(b)(3)<br>§ 63.1569(b)(4)<br>§ 63.1569(c)(1)-Table39.5 |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.1569(b)(2)<br>§ 63.1569(b)(2)-Table38.1.a<br>§ 63.1569(c)(1)<br>§ 63.1570(a)<br>§ 63.1570(c)<br>§ 63.1570(d)<br>§ 63.1570(g) | electronic valve position monitor) to demonstrate, either continuously or at least every hour, whether flow is present in the bypass line. Install the device at or near as practical to the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. | Table39.1<br>§ 63.1571(a)<br>§ 63.1571(a)(1)<br>[G]§ 63.1571(b) | § 63.1569(c)(1)-Table39.5<br>§ 63.1570(c)<br>[G]§ 63.1576(a)<br>§ 63.1576(d)<br>§ 63.1576(e)<br>§ 63.1576(f)<br>§ 63.1576(g)<br>§ 63.1576(h)<br>§ 63.1576(i) | § 63.1570(f)<br>§ 63.1571(a)<br>[G]§ 63.1574(a)<br>§ 63.1574(d)<br>§ 63.1574(d)-Table42.1<br>§ 63.1574(d)-Table42.2<br>§ 63.1574(d)-Table42.3<br>§ 63.1575(a)<br>§ 63.1575(a)-Table43.1<br>[G]§ 63.1575(b)<br>[G]§ 63.1575(c)<br>[G]§ 63.1575(d)<br>[G]§ 63.1575(f)<br>§ 63.1575(g)<br>[G]§ 63.1575(h) |
| SRU1 | EU | 63UUU | $SO_2$ | 40 CFR Part 63, Subpart UUU | § 63.1568(a)(1)-Table29.1.a<br>§ 63.1568(a)(1)<br>§ 63.1568(a)(2)<br>§ 63.1568(a)(2)-Table30.1<br>§ 63.1568(a)(3)<br>§ 63.1568(b)(3)<br>§ 63.1568(b)(4)<br>§ 63.1568(b)(5)<br>§ 63.1568(b)(5)-Table33.1.a<br>§ 63.1568(c)(1)<br>§ 63.1568(c)(1)-Table35.1<br>§ 63.1568(c)(2)<br>§ 63.1570(a)<br>§ 63.1570(c)<br>§ 63.1570(d)<br>§ 63.1570(g) | For each new or existing Claus SRU part of a sulfur recovery plant of 20 long tons per day or more and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2), you must meet the emission limit for each process vent of 250ppmv (dry basis) of sulfur dioxide (SO2) at zero percent excess air if you use an oxidation or reduction control system followed by incineration. | § 63.1568(b)(1)<br>§ 63.1568(b)(1)-Table31.1.a<br>§ 63.1568(c)(1)-Table34.1.a<br>§ 63.1572(a)(1)-Table40.4<br>§ 63.1572(a)(1)-Table40.8<br>§ 63.1572(a)(2)<br>§ 63.1572(a)(3)<br>§ 63.1572(a)(4)<br>[G]§ 63.1572(d) | § 63.1568(b)(1)-Table31.1.a<br>§ 63.1568(c)(1)-Table34.1.a<br>§ 63.1570(c)<br>[G]§ 63.1576(a)<br>[G]§ 63.1576(b)<br>§ 63.1576(d)<br>§ 63.1576(e)<br>§ 63.1576(f)<br>§ 63.1576(g)<br>§ 63.1576(h)<br>§ 63.1576(i) | § 63.1568(b)(6)<br>§ 63.1568(b)(7)<br>§ 63.1570(f)<br>§ 63.1571(a)<br>[G]§ 63.1574(a)<br>§ 63.1574(d)<br>§ 63.1574(d)-Table42.1<br>§ 63.1574(d)-Table42.2<br>§ 63.1574(d)-Table42.3<br>§ 63.1575(a)<br>§ 63.1575(a)-Table43.1<br>[G]§ 63.1575(b)<br>[G]§ 63.1575(c)<br>[G]§ 63.1575(e)<br>[G]§ 63.1575(f)<br>§ 63.1575(g)<br>[G]§ 63.1575(h) |
| SRU2 | EU | 60J-a | $SO_2$ | 40 CFR Part 60, Subpart J | § 60.104(a)(2)(i)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge | § 60.105(a)<br>[G]§ 60.105(a)(5)<br>§ 60.105(e) | § 60.105(a)<br>[G]§ 60.105(a)(5) | § 60.105(e)<br>§ 60.105(e)(4)(i)<br>§ 60.107(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.104(a)(2) | from any Claus sulfur recovery plant with an oxidation control system or a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume (dry basis) of sulfur dioxide at zero percent excess air into the atmosphere. | § 60.105(e)(4)(i)<br>§ 60.106(a)<br>[G]§ 60.106(f)<br>See Alternative Requirement | | § 60.107(g) |
| SRU2 | EU | 63UUU | 112(B) HAPS | 40 CFR Part 63, Subpart UUU | § 63.1569(a)(1)(i)-Table36.1<br>§ 63.1569(a)(1)<br>§ 63.1569(a)(3)<br>§ 63.1569(b)(2)<br>§ 63.1569(b)(2)-Table38.1.a<br>§ 63.1569(c)(1)<br>§ 63.1570(a)<br>§ 63.1570(c)<br>§ 63.1570(d)<br>§ 63.1570(g) | If you elect to install an automated system (Option 1), you must install and operate a device (including a flow indicator, level recorder, or electronic valve position monitor) to demonstrate, either continuously or at least every hour, whether flow is present in the bypass line. Install the device at or near as practical to the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. | § 63.1569(b)(1)<br>§ 63.1569(b)(1)-Table37.1<br>§ 63.1569(c)(1)-Table39.1<br>§ 63.1571(a)<br>§ 63.1571(a)(1)<br>[G]§ 63.1571(b) | § 63.1569(b)(1)-Table37.1<br>§ 63.1569(c)(1)-Table39.1<br>§ 63.1569(c)(1)-Table39.5<br>§ 63.1570(c)<br>[G]§ 63.1576(a)<br>§ 63.1576(d)<br>§ 63.1576(e)<br>§ 63.1576(f)<br>§ 63.1576(g)<br>§ 63.1576(h)<br>§ 63.1576(i) | § 63.1569(b)(3)<br>§ 63.1569(b)(4)<br>§ 63.1569(c)(1)-Table39.5<br>§ 63.1570(f)<br>§ 63.1571(a)<br>[G]§ 63.1574(a)<br>§ 63.1574(d)<br>§ 63.1574(d)-Table42.1<br>§ 63.1574(d)-Table42.2<br>§ 63.1574(d)-Table42.3<br>§ 63.1575(a)<br>§ 63.1575(a)-Table43.1<br>[G]§ 63.1575(b)<br>[G]§ 63.1575(c)<br>[G]§ 63.1575(d)<br>[G]§ 63.1575(f)<br>§ 63.1575(g)<br>[G]§ 63.1575(h) |
| SRU2 | EU | 63UUU | $SO_2$ | 40 CFR Part 63, Subpart UUU | § 63.1568(a)(1)-Table29.1.a<br>§ 63.1568(a)(1)<br>§ 63.1568(a)(2)<br>§ 63.1568(a)(2)-Table30.1<br>§ 63.1568(a)(3)<br>§ 63.1568(b)(3)<br>§ 63.1568(b)(4)<br>§ 63.1568(b)(5)<br>§ 63.1568(b)(5)- | For each new or existing Claus SRU part of a sulfur recovery plant of 20 long tons per day or more and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2), you must meet the emission limit for each process vent of 250ppmv (dry basis) of sulfur dioxide (SO2) at zero percent excess air if you use an oxidation or reduction control system followed by incineration. | § 63.1568(b)(1)<br>§ 63.1568(b)(1)-Table31.1.a<br>§ 63.1568(c)(1)-Table34.1.a<br>§ 63.1572(a)(1)-Table40.4<br>§ 63.1572(a)(1)-Table40.8<br>§ 63.1572(a)(2)<br>§ 63.1572(a)(3) | § 63.1568(b)(1)-Table31.1.a<br>§ 63.1568(c)(1)-Table34.1.a<br>§ 63.1570(c)<br>[G]§ 63.1576(a)<br>[G]§ 63.1576(b)<br>§ 63.1576(d)<br>§ 63.1576(e)<br>§ 63.1576(f)<br>§ 63.1576(g) | § 63.1568(b)(6)<br>§ 63.1568(b)(7)<br>§ 63.1570(f)<br>§ 63.1571(a)<br>[G]§ 63.1574(a)<br>§ 63.1574(d)<br>§ 63.1574(d)-Table42.1<br>§ 63.1574(d)-Table42.2<br>§ 63.1574(d)-Table42.3<br>§ 63.1575(a)<br>§ 63.1575(a)-Table43.1 |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Table33.1.a<br>§ 63.1568(c)(1)<br>§ 63.1568(c)(1)-Table35.1<br>§ 63.1568(c)(2)<br>§ 63.1570(a)<br>§ 63.1570(c)<br>§ 63.1570(d)<br>§ 63.1570(g) | | § 63.1572(a)(4)<br>[G]§ 63.1572(d) | § 63.1576(h)<br>§ 63.1576(i) | [G]§ 63.1575(b)<br>[G]§ 63.1575(c)<br>[G]§ 63.1575(e)<br>[G]§ 63.1575(f)<br>§ 63.1575(g)<br>[G]§ 63.1575(h) |
| TO-2 | EU | 60J | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart J | § 60.104(a)(1)<br>§ 60.104<br>§ 60.104(a) | No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph. | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>[G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.106(a)<br>[G]§ 60.106(e)(1) | § 60.105(a)<br>[G]§ 60.105(a)(4)(iv)<br>§ 60.107(e) | [G]§ 60.105(b)<br>§ 60.105(e)<br>§ 60.107(f)<br>§ 60.107(g) |
| WP FLARE1 | EU | 60Ja | HYDROGEN SULFIDE | 40 CFR Part 60, Subpart Ja | § 60.102a(g)(1)(ii)<br>§ 60.102a(a)<br>§ 60.102a(g)<br>§ 60.102a(g)(1)<br>§ 60.102a(g)(3)<br>§ 60.102a(h)<br>§ 60.102a(i)<br>[G]§ 60.103a(a)<br>§ 60.103a(b) | For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains $H_2S$ in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and $H_2S$ in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis. | [G]§ 60.103a(a)<br>§ 60.104a(a)<br>§ 60.104a(c)<br>§ 60.104a(i)<br>§ 60.104a(i)(1)<br>§ 60.104a(i)(2)<br>§ 60.104a(i)(3)<br>[G]§ 60.104a(i)(4)<br>[G]§ 60.104a(j)<br>§ 60.107a(a)<br>[G]§ 60.107a(a)(2)<br>[G]§ 60.107a(d)<br>[G]§ 60.107a(e)<br>§ 60.107a(f)<br>§ 60.107a(f)(2)<br>§ 60.107a(f)(4) | § 60.108a(a)<br>§ 60.108a(c)<br>§ 60.108a(c)(1)<br>[G]§ 60.108a(c)(6)<br>[G]§ 60.108a(d) | § 60.108a(a)<br>§ 60.108a(b)<br>[G]§ 60.108a(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| EP-FLARE1 | EU | R1111-1FL | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b). | § 111.111(a)(4)(A)(i)<br>§ 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |
| EP-FLARE1 | CD | 60J-1FL | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b)<br>§ 60.18(c)(1)<br>§ 60.18(c)(2)<br>§ 60.18(c)(3)(ii)<br>§ 60.18(c)(4)(ii)<br>§ 60.18(c)(6)<br>§ 60.18(e) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d)<br>§ 60.18(f)(1)<br>§ 60.18(f)(2)<br>§ 60.18(f)(3)<br>§ 60.18(f)(4) | None | None |
| EP-FLARE1 | CD | R1111-1FL | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(ii) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i) | None | None |
| HCU-FL1 | EU | 60J-1FL | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b). | § 111.111(a)(4)(A)(i)<br>§ 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |
| HCU-FL1 | CD | 60J-1FL | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b)<br>§ 60.18(c)(1)<br>§ 60.18(c)(2)<br>§ 60.18(c)(3)(ii)<br>§ 60.18(c)(4)(i)<br>§ 60.18(c)(6)<br>§ 60.18(e) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d)<br>§ 60.18(f)(1)<br>§ 60.18(f)(2)<br>§ 60.18(f)(3)<br>§ 60.18(f)(4) | None | None |
| HCU-FL1 | CD | 60J-1FL | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4)<br>§ 63.11(b)(1) | Flares shall be designed and operated with no visible emissions, | § 63.11(b)(4)<br>§ 63.11(b)(5) | None | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(i) | except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(7)(i) | | |
| REF2-FL1 | EU | 60J-2FL | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b). | § 111.111(a)(4)(A)(i)<br>§ 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |
| REF2-FL1 | CD | 60J-2FL | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b)<br>§ 60.18(c)(1)<br>§ 60.18(c)(2)<br>§ 60.18(c)(3)(ii)<br>§ 60.18(c)(4)(i)<br>§ 60.18(c)(6)<br>§ 60.18(e) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d)<br>§ 60.18(f)(1)<br>§ 60.18(f)(2)<br>§ 60.18(f)(3)<br>§ 60.18(f)(4) | None | None |
| REF2-FL1 | CD | 60J-2FL | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(i) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i) | None | None |
| SRU1-FLARE | EP | R1111 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(B)<br>§ 111.111(a)(1)(E) | Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972. | [G]§ 111.111(a)(1)(F)<br>** See Periodic Monitoring Summary | None | None |
| SRU1-FLARE | CD | 63A | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i) | None | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(i) | consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | | | |
| SRU2-FLARE | EP | R1111 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(B)<br>§ 111.111(a)(1)(E) | Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972. | [G]§ 111.111(a)(1)(F)<br>** See Periodic Monitoring Summary | None | None |
| SRU2-FLARE | CD | 63A | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(i) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i) | None | None |
| SWS-FLARE | EP | R1111 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(B)<br>§ 111.111(a)(1)(E) | Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972. | [G]§ 111.111(a)(1)(F)<br>** See Periodic Monitoring Summary | None | None |
| SWS-FLARE | CD | 63A | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(i) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i) | None | None |
| WP FLARE1 | EU | 60J-1FL | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b). | § 111.111(a)(4)(A)(i)<br>§ 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| WP FLARE1 | CD | 60J-1FL | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b)<br>§ 60.18(c)(1)<br>§ 60.18(c)(2)<br>§ 60.18(c)(3)(ii)<br>§ 60.18(c)(4)(ii)<br>§ 60.18(c)(6)<br>§ 60.18(e) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d)<br>§ 60.18(f)(1)<br>§ 60.18(f)(2)<br>§ 60.18(f)(3)<br>§ 60.18(f)(4) | None | None |
| WP FLARE1 | CD | 60J-1FL | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4)<br>§ 63.11(b)(1)<br>§ 63.11(b)(2)<br>§ 63.11(b)(3)<br>§ 63.11(b)(5)<br>§ 63.11(b)(6)(ii)<br>§ 63.11(b)(7)(ii) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(4)<br>§ 63.11(b)(5)<br>§ 63.11(b)(7)(i) | None | None |
| BLRHSE-FE | EU | R5322-FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| BLRHSE-FE | EU | R5322-FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| BLRHSE-FE | EU | R5322-FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| BLRHSE-FE | EU | R5322-FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No compressor seal, as described in § 115.327(3), (5) or (6), may be | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | the leak is found, except as provided in §115.322(2). | § 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | | |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(d) | Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i) | Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15. | § 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>§ 60.485(a)<br>[G]§ 60.485(c) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-3(j)<br>[G]§ 60.482-9<br>§ 60.593(c) | | [G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-3 for compressors. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-4<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service. | [G]§ 60.482-4<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.592(b) | | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for flares. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for closed-vent systems. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(c)(1)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.163<br>[G]§ 63.171<br>[G]§ 63.176<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2. | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(3)<br>§ 63.648(c)(4)<br>§ 63.648(c)(6)<br>§ 63.648(c)(7)<br>§ 63.648(c)(8) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(3)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8)<br>§ 63.181(h)(9)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(v) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.169 | Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service. | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(2)(i)<br>§ 63.648(c)(6) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.171<br>§ 63.655(d)(2) | | | | |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.164<br>[G]§ 63.171<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for compressors which are not in hydrogen service. | [G]§ 63.164<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(f)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.165<br>[G]§ 63.171<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service. | [G]§ 63.165<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.169<br>[G]§ 63.171<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for pressure relief device in liquid service. | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(2)(i)<br>§ 63.648(c)(6) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.166<br>[G]§ 63.171 | Comply with the specified Subpart H requirements for sampling connection systems. | [G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.655(d)(2) | | | | |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.167<br>[G]§ 63.171<br>[G]§ 63.175<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for open-ended valves and lines. | [G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(9)<br>[G]§ 63.181(i)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(c)(1)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.168<br>[G]§ 63.171<br>[G]§ 63.175<br>§ 63.648(c)(9)<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2. | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(2)(i)<br>§ 63.648(c)(3)<br>§ 63.648(c)(4)<br>§ 63.648(c)(8) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(9)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(v) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h) | Comply with the specified Subpart H requirements for valves in heavy liquid service. | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(2)(i)<br>§ 63.648(c)(6) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.169<br>[G]§ 63.171<br>§ 63.655(d)(2) | | | § 63.655(i)(5) | |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(c)(5)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.169<br>[G]§ 63.171<br>§ 63.649(a)<br>§ 63.655(d)(2) | Connectors in gas/vapor or light liquid are subject to the requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million. | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(2)(i)<br>§ 63.648(c)(4) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e)<br>§ 63.655(f)<br>§ 63.655(f)(1)(v) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.169<br>[G]§ 63.171<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for connectors in heavy liquid service. | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(2)(i)<br>§ 63.648(c)(6) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.169<br>[G]§ 63.171<br>§ 63.655(d)(2) | Comply with the specified Subpart H requirements for instrumentation systems. | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.648(b)<br>§ 63.648(c)(2)(i)<br>§ 63.648(c)(6) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 63.11(b)<br>§ 63.172(d)<br>§ 63.172(e)<br>[G]§ 63.172(h) | Comply with the specified Subpart H requirements for flares. | § 63.172(e)<br>[G]§ 63.172(h)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.180(e) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g) | [G]§ 63.182(a)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>[G]§ 63.182(d)<br>[G]§ 63.655(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.172(m)<br>§ 63.655(d)(2) | | | § 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>§ 63.181(g)(1)(iii)<br>§ 63.181(g)(1)(iv)<br>[G]§ 63.181(g)(2)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 63.655(f)(1)(i)(D) |
| DIST2-FE | EU | 63CCH-ALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3) | None |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No process drain may be allowed | § 115.324 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3) | to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK11-FE | EU | COAST61J1 | BENZENE | 40 CFR Part 61, Subpart J | § 61.112(a)<br>§ 61.112(b) | Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources). | None | None | None |
| DOCK11-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-11(c)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-11(e)<br>§ 61.242-11(g) | Design/operate enclosed combustion devices to reduce VHAP emissions vented to them with an efficiency of 95% or greater, or provide a minimum residence time of 0.50 seconds at a minimum temperature of 760 C | [G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(d)<br>[G]§ 61.246(e)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (1400 °F). | | | |
| DOCK11-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-2(a)(1)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-2(a)(2)<br>§ 61.242-2(b)(1)<br>§ 61.242-2(b)(2)<br>§ 61.242-2(c)(1)<br>§ 61.242-2(c)(2) | Each pump shall be monitored monthly to detect leaks by the methods specified in § 61.245(b), except as provided in § 61.242-1(c) and in paragraphs (d), (e), and (f) of this section. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK11-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-6(a)(1)<br>§ 61.12(b)<br>§ 61.12(c) | Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-6(a)(2) | except as provided in § 61.242-1(c). | § 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK11-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-7(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a) | Each valve shall be monitored monthly to detect leaks by the method specified in § 61.245(b) and shall comply with paragraphs (b)-(e). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-7(b)<br>§ 61.242-7(c)(1)<br>§ 61.242-7(c)(2)<br>§ 61.242-7(d)(1)<br>§ 61.242-7(d)(2)<br>§ 61.242-7(e)(1)<br>§ 61.242-7(e)(2)<br>§ 61.242-7(e)(3)<br>§ 61.242-7(e)(4) | | § 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK11-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1) | Pressure relief devices in liquid service shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | | | § 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK11-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-9<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d) | Each product accumulator vessel shall be equipped with a closed-vent system to capture and transport any leakage from the vessel to a control device as in §61.242-11, except in §61.242-1(c). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK11-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | Flanges and other connectors shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | § 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for sampling connection systems complying with §60.482-5. | [G]§ 60.485(d)<br>§ 60.485(f) | § 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | [G]§ 60.482-8<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(c)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK11-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | | allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | | | § 115.327(1)(C) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve in liquid service, as described in § 115.327(3) or (5), | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | found, except as provided in §115.322(2). | § 115.324(6)<br>[G]§ 115.325 | | |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | | | |
| DOCK3-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK3-FE | EU | COAST61J1 | BENZENE | 40 CFR Part 61, Subpart J | § 61.112(a)<br>§ 61.112(b) | Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources). | None | None | None |
| DOCK3-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-11(c)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-11(e)<br>§ 61.242-11(g) | Design/operate enclosed combustion devices to reduce VHAP emissions vented to them with an efficiency of 95% or greater, or provide a minimum residence time of 0.50 seconds at a minimum temperature of 760 C (1400 °F). | [G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(d)<br>[G]§ 61.246(e)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK3-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-2(a)(1)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-2(a)(2)<br>§ 61.242-2(b)(1) | Each pump shall be monitored monthly to detect leaks by the methods specified in § 61.245(b), except as provided in § 61.242-1(c) and in paragraphs (d), (e), and (f) of this section. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-2(b)(2)<br>§ 61.242-2(c)(1)<br>§ 61.242-2(c)(2) | | | | § 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK3-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-6(a)(1)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-6(a)(2) | Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in § 61.242-1(c). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK3-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-7(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-7(b)<br>§ 61.242-7(c)(1)<br>§ 61.242-7(c)(2)<br>§ 61.242-7(d)(1)<br>§ 61.242-7(d)(2)<br>§ 61.242-7(e)(1)<br>§ 61.242-7(e)(2)<br>§ 61.242-7(e)(3)<br>§ 61.242-7(e)(4) | Each valve shall be monitored monthly to detect leaks by the method specified in § 61.245(b) and shall comply with paragraphs (b)-(e). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK3-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | Pressure relief devices in liquid service shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK3-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-9<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d) | Each product accumulator vessel shall be equipped with a closed-vent system to capture and transport any leakage from the vessel to a control device as in §61.242-11, except in §61.242-1(c). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK3-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | Flanges and other connectors shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | | [G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, | § 63.648(a) | Comply with the specified 40 CFR | § 60.485(a) | [G]§ 60.486(a) | § 60.487(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart CC | § 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(c)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10. | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK3-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 115.324(6)<br>[G]§ 115.325 | | |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | | | |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No pressure relief valve in gaseous | [G]§ 115.325 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | § 115.326(5) | § 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK4-FE | EU | COAST61J1 | BENZENE | 40 CFR Part 61, Subpart J | § 61.112(a)<br>§ 61.112(b) | Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources). | None | None | None |
| DOCK4-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-11(c)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d) | Design/operate enclosed combustion devices to reduce VHAP emissions vented to them with an efficiency of 95% or | [G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(d)<br>[G]§ 61.246(e)<br>[G]§ 61.246(i) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-11(e)<br>§ 61.242-11(g) | greater, or provide a minimum residence time of 0.50 seconds at a minimum temperature of 760 C (1400 °F). | | § 61.246(j) | |
| DOCK4-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-2(a)(1)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-2(a)(2)<br>§ 61.242-2(b)(1)<br>§ 61.242-2(b)(2)<br>§ 61.242-2(c)(1)<br>§ 61.242-2(c)(2) | Each pump shall be monitored monthly to detect leaks by the methods specified in § 61.245(b), except as provided in § 61.242-1(c) and in paragraphs (d), (e), and (f) of this section. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK4-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-6(a)(1)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-6(a)(2) | Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in § 61.242-1(c). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK4-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-7(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e) | Each valve shall be monitored monthly to detect leaks by the method specified in § 61.245(b) and shall comply with paragraphs | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-7(b)<br>§ 61.242-7(c)(1)<br>§ 61.242-7(c)(2)<br>§ 61.242-7(d)(1)<br>§ 61.242-7(d)(2)<br>§ 61.242-7(e)(1)<br>§ 61.242-7(e)(2)<br>§ 61.242-7(e)(3)<br>§ 61.242-7(e)(4) | (b)-(e). | § 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK4-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b) | Pressure relief devices in liquid service shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | | § 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK4-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-9<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d) | Each product accumulator vessel shall be equipped with a closed-vent system to capture and transport any leakage from the vessel to a control device as in §61.242-11, except in §61.242-1(c). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK4-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | Flanges and other connectors shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(c)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK4-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No compressor seal may be allowed to have a VOC leak as | § 115.324<br>§ 115.324(2) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3) | defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Counties | § 115.327(3) | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| DOCK6-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK6-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK6-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK6-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK6-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | § 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| DOCK6-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No process drain may be allowed | § 115.324 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3) | to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| DOCK7-FE | EU | COAST61J1 | BENZENE | 40 CFR Part 61, Subpart J | § 61.112(a)<br>§ 61.112(b) | Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources). | None | None | None |
| DOCK7-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-2(a)(1)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d) | Each pump shall be monitored monthly to detect leaks by the methods specified in § 61.245(b), except as provided in § 61.242-1(c) and in paragraphs (d), (e), and (f) of this section. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-2(a)(2)<br>§ 61.242-2(b)(1)<br>§ 61.242-2(b)(2)<br>§ 61.242-2(c)(1)<br>§ 61.242-2(c)(2) | | § 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK7-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-6(a)(1)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2) | Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in § 61.242-1(c). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-6(a)(2) | | § 61.245(d)(1) | § 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK7-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-7(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-7(b)<br>§ 61.242-7(c)(1) | Each valve shall be monitored monthly to detect leaks by the method specified in § 61.245(b) and shall comply with paragraphs (b)-(e). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.242-7(c)(2)<br>§ 61.242-7(d)(1)<br>§ 61.242-7(d)(2)<br>§ 61.242-7(e)(1)<br>§ 61.242-7(e)(2)<br>§ 61.242-7(e)(3)<br>§ 61.242-7(e)(4) | | | | § 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK7-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | Pressure relief devices in liquid service shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK7-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-9<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d) | Each product accumulator vessel shall be equipped with a closed-vent system to capture and transport any leakage from the vessel to a control device as in §61.242-11, except in §61.242-1(c). | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv)<br>§ 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK7-FE | EU | COAST61J1 | VHAP | 40 CFR Part 61, Subpart V | § 61.242-8(a)<br>§ 61.12(b)<br>§ 61.12(c)<br>§ 61.12(e)<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>§ 61.242-10(a)<br>§ 61.242-10(b)<br>§ 61.242-10(c)(1)<br>§ 61.242-10(c)(2)<br>§ 61.242-10(d)(1)<br>§ 61.242-10(d)(2)<br>§ 61.242-10(e)<br>§ 61.242-8(b)<br>§ 61.242-8(c)(1)<br>§ 61.242-8(c)(2)<br>§ 61.242-8(d) | Flanges and other connectors shall be monitored within 5 days by the method specified in § 61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. | § 61.14(a)<br>§ 61.14(b)<br>§ 61.14(f)<br>§ 61.14(g)(1)<br>§ 61.245(a)<br>§ 61.245(b)(1)<br>§ 61.245(b)(2)<br>§ 61.245(b)(3)<br>§ 61.245(b)(4)(i)<br>§ 61.245(b)(4)(ii)<br>§ 61.245(b)(5)<br>§ 61.245(d)(1) | § 61.246(a)(1)<br>§ 61.246(a)(2)<br>§ 61.246(b)(1)<br>§ 61.246(b)(2)<br>§ 61.246(c)(1)<br>§ 61.246(c)(2)<br>§ 61.246(c)(3)<br>§ 61.246(c)(4)<br>§ 61.246(c)(5)<br>§ 61.246(c)(6)<br>§ 61.246(c)(7)<br>§ 61.246(c)(8)<br>§ 61.246(c)(9)<br>§ 61.246(e)(1)<br>§ 61.246(e)(3)<br>§ 61.246(f)(2) | § 61.09(a)(1)<br>§ 61.09(a)(2)<br>§ 61.09(b)<br>§ 61.10(a)<br>§ 61.10(a)(1)<br>§ 61.10(a)(2)<br>§ 61.10(a)(3)<br>§ 61.10(a)(4)<br>§ 61.10(a)(5)<br>§ 61.10(a)(6)(i)<br>§ 61.10(a)(6)(ii)<br>§ 61.10(a)(7)<br>§ 61.10(c)<br>§ 61.10(d)<br>§ 61.10(e)<br>§ 61.10(f)<br>§ 61.10(h)<br>§ 61.247(a)(1)<br>§ 61.247(a)(2)<br>§ 61.247(a)(4)(i)<br>§ 61.247(a)(4)(ii)<br>§ 61.247(a)(4)(iii)<br>§ 61.247(a)(4)(iv)<br>§ 61.247(a)(4)(v)<br>§ 61.247(b)(1)<br>§ 61.247(b)(1)<br>§ 61.247(b)(2)(i)<br>§ 61.247(b)(2)(ii)<br>§ 61.247(b)(2)(iii)<br>§ 61.247(b)(2)(iv) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 61.247(b)(2)(vii)<br>§ 61.247(b)(3)<br>§ 61.247(b)(4)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | § 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for open-ended valves or lines complying with §60.482-6. | [G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(c)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| DOCK7-FE | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| EP-B-6 | EU | 60Db | SO2 | 40 CFR Part 60, Subpart Db | § 60.42b(k)(1)<br>§ 60.42b(e)<br>[G]§ 60.42b(f)<br>§ 60.42b(g)<br>§ 60.45b(a) | Except as provided in §60.42b(k)(2)-(4) on and after the §60.8 tests, no facility for which construction, reconstruction, or modification began after February 28, 2005, that combusts coal, oil, natural gas, a mixture of these fuels, or a mixture of these fuels with any other fuels shall discharge SO2 in excess of 87 ng/J (0.20 | § 60.45b(b)<br>§ 60.45b(c)<br>§ 60.45b(c)(1)<br>§ 60.45b(f)<br>§ 60.45b(g)<br>§ 60.45b(h)<br>[G]§ 60.47b(a)<br>§ 60.47b(c)<br>§ 60.47b(d)<br>[G]§ 60.47b(e) | [G]§ 60.47b(a)<br>[G]§ 60.49b(d)<br>§ 60.49b(o) | § 60.49b(a)<br>§ 60.49b(a)(1)<br>§ 60.49b(a)(3)<br>§ 60.49b(b)<br>§ 60.49b(j)<br>§ 60.49b(k)<br>§ 60.49b(k)(1)<br>§ 60.49b(k)(10)<br>§ 60.49b(k)(11)<br>§ 60.49b(k)(2) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | lb/MMBtu) heat input or 8 percent (0.08) of the potential SO2 emission rate (92 percent reduction) and 520 ng/J (1.2 lb/MMBtu) heat input. | | | § 60.49b(k)(3)<br>§ 60.49b(k)(4)<br>§ 60.49b(k)(5)<br>§ 60.49b(k)(6)<br>§ 60.49b(k)(8)<br>§ 60.49b(k)(9)<br>[G]§ 60.49b(n)<br>§ 60.49b(v)<br>§ 60.49b(w) |
| EP-B-6 | EU | 60Db | PM | 40 CFR Part 60, Subpart Db | § 60.40b(a) | This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr). | None | [G]§ 60.49b(d)<br>§ 60.49b(o) | § 60.49b(a)<br>§ 60.49b(a)(1)<br>§ 60.49b(a)(3) |
| EP-B-6 | EU | 60Db | PM (OPACITY) | 40 CFR Part 60, Subpart Db | § 60.40b(a) | This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr). | None | [G]§ 60.49b(d)<br>§ 60.49b(o) | § 60.49b(a)<br>§ 60.49b(a)(1)<br>§ 60.49b(a)(3) |
| EP-B-6 | EU | 60Db | NOX | 40 CFR Part 60, Subpart Db | § 60.44b(l)(1)<br>§ 60.44b(h)<br>§ 60.44b(i)<br>§ 60.46b(a) | Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements. | § 60.46b(c)<br>§ 60.46b(e)<br>§ 60.46b(e)(1)<br>§ 60.46b(e)(3)<br>[G]§ 60.48b(b)<br>§ 60.48b(c)<br>§ 60.48b(d)<br>§ 60.48b(e)<br>[G]§ 60.48b(e)(2)<br>§ 60.48b(e)(3)<br>§ 60.48b(f) | [G]§ 60.48b(b)<br>§ 60.48b(c)<br>[G]§ 60.49b(d)<br>[G]§ 60.49b(g)<br>§ 60.49b(o) | § 60.49b(a)<br>§ 60.49b(a)(1)<br>§ 60.49b(a)(3)<br>§ 60.49b(b)<br>§ 60.49b(h)<br>§ 60.49b(i)<br>§ 60.49b(v)<br>§ 60.49b(w) |
| EP-B-6 | EU | 60Ja | SO2 | 40 CFR Part 60, Subpart Ja | § 60.100a(a)<br>The permit holder | The permit holder shall comply with the applicable requirements | The permit holder shall comply with the | The permit holder shall comply with the | The permit holder shall comply with the |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart Ja | of 40 CFR Part 60, Subpart Ja | applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja | applicable recordkeeping requirements of 40 CFR Part 60, Subpart Ja | applicable reporting requirements of 40 CFR Part 60, Subpart Ja |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No compressor seal, as described in § 115.327(3), (5) or (6), may be | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | the leak is found, except as provided in §115.322(2). | § 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | | |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EPB6FUG | EU | R5322-ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| EP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| EP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | §115.322(2). | [G]§ 115.324(7)<br>[G]§ 115.325 | | |
| EP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| EP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(i)<br>§ 63.655(d)(2) | | | [G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | [G]§ 60.482-8<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | [G]§ 60.482-10(f)<br>§ 60.482-10(i) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for closed vent (or vapor collection) systems complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.165<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d) | [G]§ 63.165<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.166<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Sampling connection systems. §63.166(a)-(c) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Valves in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, | [G]§ 63.169 | Standards: Connectors in heavy | [G]§ 63.169 | § 63.181(a) | [G]§ 63.182(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart H | § 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | liquid service. §63.169(a)-(d) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | [G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.170<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Surge control vessels and bottom receivers. | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(d)<br>§ 63.11(b)<br>§ 63.172(e)<br>[G]§ 63.172(h)<br>§ 63.172(m) | Flares used to comply with this subpart shall comply with the requirements of § 63.11(b) of 40 CFR 63, Subpart A. | § 63.172(e)<br>[G]§ 63.172(h)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.180(e) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>§ 63.181(g)(1)(iii)<br>§ 63.181(g)(1)(iv)<br>[G]§ 63.181(g)(2) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.174<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j) | [G]§ 63.174<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(a)<br>[G]§ 63.172(h)<br>§ 63.172(i)<br>§ 63.172(m) | Owners/operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b). | [G]§ 63.172(f)(1)<br>[G]§ 63.172(f)(2)<br>§ 63.172(g)<br>[G]§ 63.172(h)<br>[G]§ 63.172(k)<br>[G]§ 63.172(l)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | [G]§ 63.172(k)<br>[G]§ 63.172(l)<br>§ 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>[G]§ 63.181(g)(2)<br>[G]§ 63.181(g)(3) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.163<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.176 | Standards: Pumps in light liquid service. §63.163(a)-(j) | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(3)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.167<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Open-ended valves or lines. §63.167(a)-(e). | [G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 63.181(h)(6)<br>§ 63.181(h)(7)<br>[G]§ 63.181(i) | |
| EP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.168<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j) | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRP1FUG | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRP1FUG | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP1FUG | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRP1FUG | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRP1FUG | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRP1FUG | EU | 63CC-1FG | BENZENE | 40 CFR Part 61, Subpart J | § 61.112(a)<br>§ 61.112(b) | Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources). | None | None | None |
| GRP1FUG | EU | 63CC-1FG | VHAP | 40 CFR Part 61, Subpart V | [G]§ 61.242-2<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>[G]§ 61.242-10 | Comply with standards for pumps. §61.242-2(a)-(g) | [G]§ 61.242-2<br>[G]§ 61.245(b)<br>[G]§ 61.245(c)<br>[G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(b)<br>[G]§ 61.246(c)<br>[G]§ 61.246(e)<br>[G]§ 61.246(h)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| GRP1FUG | EU | 63CC-1FG | VHAP | 40 CFR Part 61, | [G]§ 61.242-4 | Comply with standards for | [G]§ 61.242-4 | [G]§ 61.246(a) | [G]§ 61.247(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart V | § 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>[G]§ 61.242-10 | pressure relief devices in gas/vapor service. §61.242-4(a)-(c) | [G]§ 61.245(b)<br>[G]§ 61.245(c)<br>[G]§ 61.245(d) | [G]§ 61.246(e)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| GRP1FUG | EU | 63CC-1FG | VHAP | 40 CFR Part 61, Subpart V | [G]§ 61.242-5<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>[G]§ 61.242-10 | Comply with standards for sampling connection systems. §61.242-5(a)-(c) | [G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(e)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| GRP1FUG | EU | 63CC-1FG | VHAP | 40 CFR Part 61, Subpart V | [G]§ 61.242-6<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>[G]§ 61.242-10 | Comply with standards for open-ended valves or lines. §61.242-6(a)-(c) | [G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(e)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| GRP1FUG | EU | 63CC-1FG | VHAP | 40 CFR Part 61, Subpart V | [G]§ 61.242-7<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>[G]§ 61.242-10<br>[G]§ 61.243-1<br>[G]§ 61.243-2 | Comply with standards for valves. §61.242-7(a)-(h) | [G]§ 61.242-7<br>[G]§ 61.243-1<br>[G]§ 61.245(b)<br>[G]§ 61.245(c)<br>[G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(b)<br>[G]§ 61.246(c)<br>[G]§ 61.246(e)<br>[G]§ 61.246(f)<br>[G]§ 61.246(g)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>§ 61.247(d)<br>[G]§ 61.247(e) |
| GRP1FUG | EU | 63CC-1FG | VHAP | 40 CFR Part 61, Subpart V | [G]§ 61.242-8<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>[G]§ 61.242-10 | Comply with standards for pressure relief devices in liquid service. § 61.242-8(a)-(d) | [G]§ 61.242-8<br>[G]§ 61.245(b)<br>[G]§ 61.245(c)<br>[G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(b)<br>[G]§ 61.246(c)<br>[G]§ 61.246(e)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |
| GRP1FUG | EU | 63CC-1FG | VHAP | 40 CFR Part 61, Subpart V | [G]§ 61.242-8<br>§ 61.242-1(a)<br>§ 61.242-1(b)<br>§ 61.242-1(d)<br>[G]§ 61.242-10 | Comply with standards for flanges and other connectors. § 61.242-8(a)-(d) | [G]§ 61.242-8<br>[G]§ 61.245(b)<br>[G]§ 61.245(c)<br>[G]§ 61.245(d) | [G]§ 61.246(a)<br>[G]§ 61.246(b)<br>[G]§ 61.246(c)<br>[G]§ 61.246(e)<br>[G]§ 61.246(i)<br>§ 61.246(j) | [G]§ 61.247(a)<br>[G]§ 61.247(b)<br>§ 61.247(c)<br>[G]§ 61.247(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | [G]§ 63.648(b) | § 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | [G]§ 60.482-8<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for flanges or other connectors complying with §60.482-8. | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.165<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d) | [G]§ 63.165<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.166<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g) | Standards: Sampling connection systems. §63.166(a)-(c) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.162(h)<br>[G]§ 63.171 | | | | § 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Valves in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g) | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.162(h)<br>[G]§ 63.171 | | | | [G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(c)<br>§ 63.172(e)<br>[G]§ 63.172(h)<br>§ 63.172(m) | Enclosed combustion devices shall be designed and operated to reduce the organic HAP or VOC emissions vented to them with requirements as specified in this section. | § 63.172(e)<br>[G]§ 63.172(h)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>§ 63.181(g)(1)(iv)<br>[G]§ 63.181(g)(2) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.174<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j) | [G]§ 63.174<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(a)<br>[G]§ 63.172(h)<br>§ 63.172(i)<br>§ 63.172(m) | Owners/operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b). | [G]§ 63.172(f)(1)<br>[G]§ 63.172(f)(2)<br>§ 63.172(g)<br>[G]§ 63.172(h)<br>[G]§ 63.172(k)<br>[G]§ 63.172(l)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | [G]§ 63.172(k)<br>[G]§ 63.172(l)<br>§ 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>[G]§ 63.181(g)(2)<br>[G]§ 63.181(g)(3) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.163<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in light liquid service. §63.163(a)-(j) | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(3)<br>§ 63.181(h)(4) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.176 | | | [G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8) | |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.167<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Open-ended valves or lines. §63.167(a)-(e). | [G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRP1FUG | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.168<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j) | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No pump seal, as described in § 115.327(3) or (5), may be allowed | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.327(3) | to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Counties | § 115.322(4) | calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | § 115.326(5) | |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | None | § 60.486(e)<br>§ 60.486(e)(1) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | for equipment in vacuum service. | | § 60.486(e)(5) | |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPA1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Counties | § 115.327(3) | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | found, except as provided in §115.322(2). | § 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | | |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | None | § 60.486(e)<br>§ 60.486(e)(1) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | for equipment in vacuum service. | | § 60.486(e)(5) | |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPA2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Counties | § 115.327(3) | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | found, except as provided in §115.322(2). | § 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | | |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | None | § 60.486(e)<br>§ 60.486(e)(1) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | for equipment in vacuum service. | | § 60.486(e)(5) | |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPA3FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Counties | § 115.327(3) | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | found, except as provided in §115.322(2). | § 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | | |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart | § 60.592(a)<br>§ 60.482-1(d) | Comply with the requirements as stated in §60.482-1(d) for | None | § 60.486(e)<br>§ 60.486(e)(1) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | GGG | | equipment in vacuum service. | | § 60.486(e)(5) | |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>[G]§ 60.482-9<br>§ 60.593(c) | Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15. | § 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>§ 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-3 for compressors. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-4<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service. | [G]§ 60.482-4<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 60.485(f)<br>§ 60.592(d) | § 60.486(j)<br>§ 60.592(e) | |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.592(b) | Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d) | Comply with the requirements in as stated in §60.482-10 for flares. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-10(e)<br>§ 60.482-10(m) | | § 60.592(d) | | |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for closed-vent systems. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | § 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for sampling connection systems complying with §60.482-5. | [G]§ 60.485(d)<br>§ 60.485(f) | § 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | [G]§ 60.482-8<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18 | Comply with the specified 40 CFR Part 60, Subpart VV requirements | § 60.485(a)<br>[G]§ 60.485(c) | [G]§ 60.486(a)<br>[G]§ 60.486(d) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for flares complying with §60.482-10. | [G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPB1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | | | |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 115.325 | | |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No elevated valve may be allowed to have a VOC leak as defined in | § 115.324<br>§ 115.324(1) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.324(7)<br>[G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4) | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(d) | Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>[G]§ 60.482-9<br>§ 60.593(c) | Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15. | § 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>§ 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-3 for compressors. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-4<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service. | [G]§ 60.482-4<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.592(b) | Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for flares. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for closed-vent systems. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | complying with §60.482-2. | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(a)(2)<br>§ 63.655(d)(2) | | | § 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(a)(2)<br>§ 63.655(d)(2) | | [G]§ 63.648(b) | § 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | | § 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPB2FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No pump seal may be allowed to | § 115.324 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3) | have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No process drain, as described in § | [G]§ 115.325 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | § 115.326(5) | § 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 115.324(7)<br>[G]§ 115.325 | | |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.162(e)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h) | Equipment that is in organic HAP service less than 300 hours per year is excluded from the requirements of §§63.163 - 63.174 and §63.178 if it is identified as required in §63.181(j). | [G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i)<br>§ 63.181(j) | [G]§ 63.182(a)<br>[G]§ 63.182(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.164<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Compressors. §63.164(a)-(i) | [G]§ 63.164<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.165<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d) | [G]§ 63.165<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.166<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Sampling connection systems. §63.166(a)-(c) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Valves in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a) | Standards: Connectors in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b) | § 63.181(a)<br>[G]§ 63.181(b) | [G]§ 63.182(a)<br>[G]§ 63.182(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | | [G]§ 63.180(d) | § 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | § 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Agitators in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.170<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Surge control vessels and bottom receivers. | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(d)<br>§ 63.11(b)<br>§ 63.172(e) | Flares used to comply with this subpart shall comply with the requirements of § 63.11(b) of 40 | § 63.172(e)<br>[G]§ 63.172(h)<br>[G]§ 63.180(b) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.172(h)<br>§ 63.172(m) | CFR 63, Subpart A. | [G]§ 63.180(d)<br>[G]§ 63.180(e) | [G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>§ 63.181(g)(1)(iii)<br>§ 63.181(g)(1)(iv)<br>[G]§ 63.181(g)(2) | [G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.173<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j). | [G]§ 63.173<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.174<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j) | [G]§ 63.174<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(a)<br>[G]§ 63.172(h)<br>§ 63.172(i)<br>§ 63.172(m) | Owners/operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b). | [G]§ 63.172(f)(1)<br>[G]§ 63.172(f)(2)<br>§ 63.172(g)<br>[G]§ 63.172(h)<br>[G]§ 63.172(k)<br>[G]§ 63.172(l)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | [G]§ 63.172(k)<br>[G]§ 63.172(l)<br>§ 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>[G]§ 63.181(g)(2)<br>[G]§ 63.181(g)(3) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.163<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f) | Standards: Pumps in light liquid service. §63.163(a)-(j) | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.176 | | | § 63.181(h)<br>[G]§ 63.181(h)(3)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8) | § 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.167<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Open-ended valves or lines. §63.167(a)-(e). | [G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPC1FUG | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.168<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j) | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No valve in liquid service may be | § 115.324 | [G]§ 115.326(1) | [G]§ 115.324(7) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.327(3)<br>§ 115.327(5) | days after the leak is found, except as provided in §115.322(2). | | | |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPD1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 63.655(i)(5) | |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 63.655(i)(5) | |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 63.655(i)(5) | |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| GRPD1FUG | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No pump seal, as described in § | [G]§ 115.325 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | § 115.326(5) | § 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve in liquid service may be allowed to have a VOC leak as | § 115.324<br>§ 115.324(1) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.324(7)<br>[G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4) | defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.327(5) | as provided in §115.322(2). | | | |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPE1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(d) | Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>[G]§ 60.482-9<br>§ 60.593(c) | Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15. | § 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>§ 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-3 for compressors. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service. | [G]§ 60.482-4<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-4<br>[G]§ 60.482-9 | | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | § 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.592(b) | Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.18<br>§ 60.482-1(a) | Comply with the requirements in as stated in §60.482-10 for flares. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | | § 60.485(f)<br>[G]§ 60.485(g)<br>§ 60.592(d) | § 60.486(e)(1)<br>§ 60.592(e) | § 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for closed-vent systems. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPE1FUG | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | | allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | | | § 115.327(1)(C) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve in liquid service, as described in § 115.327(3) or (5), | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | found, except as provided in §115.322(2). | § 115.324(6)<br>[G]§ 115.325 | | |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | | | |
| GRPF1FUG | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No compressor seal, as described in § 115.327(3), (5) or (6), may be | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | the leak is found, except as provided in §115.322(2). | § 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | | |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | | [G]§ 60.485(d)<br>§ 60.485(f) | § 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | with §60.482-7. | [G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| HCU-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| HCU-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| HCU-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| HCU-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | §60.482-3. | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | § 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(e) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| HCU-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | found, except as provided in §115.322(2). | | | |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No pressure relief valve in gaseous service may be allowed to have a | § 115.324<br>§ 115.324(2) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.324(7)<br>[G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(5) | VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | § 60.482-1(d) | Equipment that is in vacuum service is excluded from the requirements of §60.482-2 to §60.482-10, if it is identified as required in §60.486(e)(5). | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-2<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pumps in light liquid service shall comply with the requirements outlined in § 60.482-2(a)-(f). | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-10(g)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e) | Leaks, as indicated by the specified instrument or by visual inspections, shall be repaired as soon as practicable except as | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-10(h)<br>§ 60.482-10(m) | provided in § 60.482-10(h). § 60.482-10(g)(1)-(2) | [G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1) | |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | § 60.482-10(d)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | Flares used to comply with this subpart shall comply with the requirements of §60.18. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-3<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Compressors shall comply with the requirements outlined in § 60.482-3(a)-(j). | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-6<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Open-ended valves or lines shall comply with the requirements outlined in § 60.482-6(a)-(c). | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-7<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2 | Valves in gas/vapor service and in light liquid service shall comply with the requirements outlined in § 60.482-7(a)-(h). | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | § 60.482-4(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Except during pressure releases, each pressure relief device in gas/vapor service shall be operated | § 60.482-4(b)(1)<br>§ 60.482-4(b)(2)<br>§ 60.485(a) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-4(b)(1)<br>§ 60.482-4(b)(2)<br>§ 60.482-4(d)(1)<br>§ 60.482-4(d)(2)<br>[G]§ 60.482-9 | with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background. | [G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | § 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j) | § 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pumps in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pressure relief devices in light-liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pressure relief devices in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Flanges and other connectors shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Valves in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| ISOMDIP-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-5<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Sampling connection systems shall be in compliance with the requirements outlined in § 60.482-5(a)-(c). | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | gas/vapor service. | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | § 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | complying with §60.482-8. | [G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | liquid service complying with §60.482-8. | [G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(e) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| ISOMDIP-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| PMA-FE | EU | R5322HVY | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | | | |
| PMA-FE | EU | R5322HVY | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| PMA-FE | EU | R5322HVY | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| PMA-FE | EU | 60GGGHVY | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| PMA-FE | EU | 60GGGHVY | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| PMA-FE | EU | 60GGGHVY | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| PMA-FE | EU | 60GGGHVY | VOC | 40 CFR Part 60, Subpart | § 60.592(a)<br>§ 60.482-1(a) | Comply with the requirements in as stated in §60.482-8 for valves in | [G]§ 60.482-8<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | GGG | § 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | heavy-liquid service. | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | [G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| PMA-FE | EU | 60GGGHVY | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve (gaseous service), as described in § 115.327(3) or (5), | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Counties | | days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | § 115.326(5) | |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | | | |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.162(e)<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h) | Equipment that is in organic HAP service less than 300 hours per year is excluded from the requirements of §§63.163 - 63.174 and §63.178 if it is identified as required in §63.181(j). | [G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i)<br>§ 63.181(j) | [G]§ 63.182(a)<br>[G]§ 63.182(b) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.164<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Compressors. §63.164(a)-(i) | [G]§ 63.164<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, | [G]§ 63.165 | Standards: Pressure relief device in | [G]§ 63.165 | § 63.181(a) | [G]§ 63.182(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart H | § 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | gas/vapor service. §63.165(a)-(d) | [G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | [G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f) | [G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.166<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Sampling connection systems. §63.166(a)-(c) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Valves in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c) | Standards: Agitators in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | | | [G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.170<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Surge control vessels and bottom receivers. | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(d)<br>§ 63.11(b)<br>§ 63.172(e)<br>[G]§ 63.172(h)<br>§ 63.172(m) | Flares used to comply with this subpart shall comply with the requirements of § 63.11(b) of 40 CFR 63, Subpart A. | § 63.172(e)<br>[G]§ 63.172(h)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d)<br>[G]§ 63.180(e) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>§ 63.181(g)(1)(iii)<br>§ 63.181(g)(1)(iv)<br>[G]§ 63.181(g)(2) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, | [G]§ 63.173 | Standards: Agitators gas/vapor | [G]§ 63.173 | § 63.181(a) | [G]§ 63.182(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart H | § 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | service and in light liquid service. §63.173(a)-(j). | [G]§ 63.180(b)<br>[G]§ 63.180(d) | [G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.174<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j) | [G]§ 63.174<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.172(a)<br>[G]§ 63.172(h)<br>§ 63.172(i)<br>§ 63.172(m) | Owners/operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b). | [G]§ 63.172(f)(1)<br>[G]§ 63.172(f)(2)<br>§ 63.172(g)<br>[G]§ 63.172(h)<br>[G]§ 63.172(k)<br>[G]§ 63.172(l)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | [G]§ 63.172(k)<br>[G]§ 63.172(l)<br>§ 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>[G]§ 63.181(g)(2)<br>[G]§ 63.181(g)(3) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.163<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.176 | Standards: Pumps in light liquid service. §63.163(a)-(j) | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(3)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, | [G]§ 63.167 | Standards: Open-ended valves or | [G]§ 63.175 | § 63.181(a) | [G]§ 63.182(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart H | § 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | lines. §63.167(a)-(e). | [G]§ 63.180(b)<br>[G]§ 63.180(d) | [G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>[G]§ 63.181(i) | [G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QBTX-FE | EU | 63HALL | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.168<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j) | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No pump seal may be allowed to | § 115.324 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3) | have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No process drain, as described in § | [G]§ 115.325 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | § 115.326(5) | § 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 115.324(7)<br>[G]§ 115.325 | | |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | complying with §60.482-2. | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(a)(2)<br>§ 63.655(d)(2) | | | § 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(a)(2)<br>§ 63.655(d)(2) | | [G]§ 63.648(b) | § 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | | § 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| QSULFO-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | [G]§ 63.648(g) | Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | [G]§ 63.648(g) | § 63.648(h)<br>§ 63.655(d)(3)<br>§ 63.655(i)(5) | None |
| REF2-FLR-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| REF2-FLR-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| REF2-FLR-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| REF2-FLR-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.655(d)(2) | | | § 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | | § 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.165<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d) | [G]§ 63.165<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.166<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Sampling connection systems. §63.166(a)-(c) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Valves in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g) | Standards: Connectors in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.162(h)<br>[G]§ 63.171 | | | | [G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.170<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Surge control vessels and bottom receivers. | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.174<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j) | [G]§ 63.174<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.163<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h) | Standards: Pumps in light liquid service. §63.163(a)-(j) | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(3) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.171<br>[G]§ 63.176 | | | § 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8) | |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.167<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Open-ended valves or lines. §63.167(a)-(e). | [G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| REF2-FLR-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.168<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j) | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No pump seal, as described in § | [G]§ 115.325 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | § 115.326(5) | § 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve in liquid service may be allowed to have a VOC leak as | § 115.324<br>§ 115.324(1) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.324(7)<br>[G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4) | defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.327(5) | as provided in §115.322(2). | | | |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(d) | Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>[G]§ 60.482-9<br>§ 60.593(c) | Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15. | § 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>§ 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-3 for compressors. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service. | [G]§ 60.482-4<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-4<br>[G]§ 60.482-9 | | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | § 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.592(b) | Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.18<br>§ 60.482-1(a) | Comply with the requirements in as stated in §60.482-10 for flares. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | | § 60.485(f)<br>[G]§ 60.485(g)<br>§ 60.592(d) | § 60.486(e)(1)<br>§ 60.592(e) | § 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for closed-vent systems. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR2-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | | allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | | | § 115.327(1)(C) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve in liquid service, as described in § 115.327(3) or (5), | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | found, except as provided in §115.322(2). | § 115.324(6)<br>[G]§ 115.325 | | |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | | | |
| SMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(d) | Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>[G]§ 60.482-9<br>§ 60.593(c) | Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15. | § 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>§ 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-3 for compressors. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 60.592(d) | [G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-4<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service. | [G]§ 60.482-4<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.592(b) | Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-8<br>[G]§ 60.482-9 | | [G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for flares. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for closed-vent systems. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart | § 60.592(a)<br>§ 60.482-1(a) | Comply with the requirements in as stated in §60.482-8 for pressure | [G]§ 60.482-8<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

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|---|---|---|---|---|---|---|---|---|---|
| | | | | GGG | § 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | relief devices in light-liquid service. | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | [G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve (gaseous service) may be allowed to have a VOC leak as | § 115.324<br>§ 115.324(2) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.324(7)<br>[G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.327(6) | calendar days after the leak is found, except as provided in §115.322(2). | | | |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 115.324(7)<br>[G]§ 115.325 | | |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(d) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(i)<br>§ 63.655(d)(2) | | | [G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | [G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a) | Comply with the specified 40 CFR Part 60, Subpart VV requirements | [G]§ 60.482-8<br>§ 60.485(a) | [G]§ 60.486(a)<br>[G]§ 60.486(b) | § 60.487(a)<br>[G]§ 60.487(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | for pressure relief devices in light liquid service complying with §60.482-8. | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | [G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| SULFO1-FE | EU | 63CCVVALL | 112(B) HAPS | 40 CFR Part 63, | [G]§ 63.648(g) | Compressors in hydrogen service | [G]§ 63.648(g) | § 63.648(h) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart CC | | are exempt from the requirements of §63.648(a) and (c), if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2). | | § 63.655(d)(3)<br>§ 63.655(i)(5) | |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No valve (gaseous service) may be allowed to have a VOC leak as | § 115.324<br>§ 115.324(2) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.324(7)<br>[G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.327(6) | calendar days after the leak is found, except as provided in §115.322(2). | | | |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 115.324(7)<br>[G]§ 115.325 | | |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS1-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter | § 115.322(1) | No process drain may be allowed | § 115.324 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3) | to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| SWS2-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | | | |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 115.325 | | |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No elevated valve may be allowed to have a VOC leak as defined in | § 115.324<br>§ 115.324(1) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.324(7)<br>[G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.322(4) | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | § 60.482-1(d) | Equipment that is in vacuum service is excluded from the requirements of §60.482-2 to §60.482-10, if it is identified as | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | required in §60.486(e)(5). | | | |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-2<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pumps in light liquid service shall comply with the requirements outlined in § 60.482-2(a)-(f). | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-10(g)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | Leaks, as indicated by the specified instrument or by visual inspections, shall be repaired as soon as practicable except as provided in § 60.482-10(h). § 60.482-10(g)(1)-(2) | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | § 60.482-10(d)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | Flares used to comply with this subpart shall comply with the requirements of §60.18. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-3<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Compressors shall comply with the requirements outlined in § 60.482-3(a)-(j). | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-6<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Open-ended valves or lines shall comply with the requirements outlined in § 60.482-6(a)-(c). | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-9 | | § 60.485(f) | § 60.486(j) | § 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-7<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2 | Valves in gas/vapor service and in light liquid service shall comply with the requirements outlined in § 60.482-7(a)-(h). | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | § 60.482-4(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(b)(1)<br>§ 60.482-4(b)(2)<br>§ 60.482-4(d)(1)<br>§ 60.482-4(d)(2)<br>[G]§ 60.482-9 | Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background. | § 60.482-4(b)(1)<br>§ 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pumps in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pressure relief devices in light-liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Pressure relief devices in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 60.485(f) | § 60.486(e)(1)<br>§ 60.486(j) | |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Flanges and other connectors shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Valves in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TBA-FE | EU | 60VVALL | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-5<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-9 | Sampling connection systems shall be in compliance with the requirements outlined in § 60.482-5(a)-(c). | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No pump seal may be allowed to have a VOC leak as defined in | § 115.324<br>§ 115.324(1) | [G]§ 115.326(1)<br>[G]§ 115.326(2) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3) | §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(3)<br>§ 115.326(5) | |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(5) | No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives | § 115.322(1)<br>§ 115.322(2) | No process drain, as described in § 115.327(3) or (5), may be allowed | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Pet Ref B Counties | § 115.322(3)<br>§ 115.327(3) | to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | | | |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3)<br>§ 115.327(6) | No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(A)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.327(3)<br>§ 115.327(5) | No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(D)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 115.325 | | |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(5) | No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.327(3) | No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | [G]§ 115.325 | [G]§ 115.326(1)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | R5322ALL | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(d) | Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service. | None | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(5) | None |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2 | Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-9 | | [G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | § 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>[G]§ 60.482-9<br>§ 60.593(c) | Comply with the requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15. | § 60.482-3(f)<br>§ 60.482-3(g)(1)<br>§ 60.482-3(g)(2)<br>[G]§ 60.482-3(i)<br>§ 60.482-3(j)<br>§ 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9 | Comply with the requirements as stated in §60.482-3 for compressors. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-4<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service. | [G]§ 60.482-4<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the requirements in as stated in §60.482-5 for sampling connection systems. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-5<br>[G]§ 60.482-9 | | § 60.485(f)<br>§ 60.592(d) | § 60.486(j)<br>§ 60.592(e) | § 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.592(b) | Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d)<br>§ 60.593(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e)<br>§ 60.482-10(m) | Comply with the requirements in as stated in §60.482-10 for flares. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the requirements in as stated in §60.482-10 for closed-vent systems. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m) | | [G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.592(e) | § 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for flanges or other connectors. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TETRAMR-FE | EU | 60GGGALL | VOC | 40 CFR Part 60, Subpart GGG | § 60.592(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9 | Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>§ 60.592(d) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 60.592(e) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>§ 60.592(e) |
| TKFMEPS-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| TKFMEPS-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter | § 115.322(1) | No pump seal may be allowed to | § 115.324 | [G]§ 115.326(1) | [G]§ 115.326(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3) | have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | § 115.327(4) |
| TKFMEPS-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMEPS-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMEPS-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMEPS-FE | EU | 63CC-2FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, | § 63.648(a) | Comply with the specified 40 CFR | [G]§ 60.482-2 | [G]§ 60.486(a) | § 60.487(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart CC | § 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | [G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9 | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.648(a)(2)<br>§ 63.655(d)(2) | | | § 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | complying with §60.482-8. | [G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(e) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.165<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d) | [G]§ 63.165<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.166<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Sampling connection systems. §63.166(a)-(c) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Valves in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c) | Standards: Connectors in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | | | [G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.174<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j) | [G]§ 63.174<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.163<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.176 | Standards: Pumps in light liquid service. §63.163(a)-(j) | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(3)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.167<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Open-ended valves or lines. §63.167(a)-(e). | [G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMEPS-FE | EU | 63CC-2FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.168<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j) | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| TKFMQPN-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| TKFMQPN-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMQPN-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMQPN-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMQPN-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service. | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.655(d)(2) | | § 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.165<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g) | Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d) | [G]§ 63.165<br>[G]§ 63.180(b)<br>[G]§ 63.180(c)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(f) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.162(h)<br>[G]§ 63.171 | | | | § 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.166<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Sampling connection systems. §63.166(a)-(c) | [G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Pumps in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Valves in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in heavy liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h) | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |

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|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.171 | | | | |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>[G]§ 63.181(i) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.174<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171 | Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j) | [G]§ 63.174<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.163<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.176 | Standards: Pumps in light liquid service. §63.163(a)-(j) | [G]§ 63.163<br>[G]§ 63.176<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(3)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7)<br>§ 63.181(h)(8) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.167<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Open-ended valves or lines. §63.167(a)-(e). | [G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |

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| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | [G]§ 63.181(i) | |
| TKFMQPN-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.168<br>§ 63.162(a)<br>§ 63.162(c)<br>[G]§ 63.162(f)<br>[G]§ 63.162(g)<br>§ 63.162(h)<br>[G]§ 63.171<br>[G]§ 63.175 | Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j) | [G]§ 63.168<br>[G]§ 63.175<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(h)<br>[G]§ 63.181(h)(1)<br>[G]§ 63.181(h)(2)<br>§ 63.181(h)(4)<br>[G]§ 63.181(h)(5)<br>§ 63.181(h)(6)<br>§ 63.181(h)(7) | [G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TKFMWP-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| TKFMWP-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMWP-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMWP-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter | § 115.322(1) | No valve in liquid service may be | § 115.324 | [G]§ 115.326(1) | [G]§ 115.324(7) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 115, Fugitives Pet Ref B Counties | § 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMWP-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMWP-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(5) | No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(C)<br>§ 115.324(4)<br>§ 115.324(5)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in | § 60.482-4(b)(2)<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-4(a)<br>§ 60.482-4(b)(1)<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | gas/vapor service. | [G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | § 60.486(e)(3)<br>[G]§ 60.486(e)(4)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(e) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | complying with §60.482-8. | [G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | § 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(e) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| TKFMWP-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| WP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.327(1) | Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions. | None | None | § 115.327(1)(A)<br>§ 115.327(1)(B)<br>§ 115.327(1)(C) |
| WP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(A)<br>§ 115.324(3) | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | as provided in §115.322(2). | § 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | | |
| WP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4)<br>§ 115.322(5) | No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(2)<br>§ 115.324(2)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| WP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3)<br>§ 115.322(4) | No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(B)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.324(7)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.324(7)<br>[G]§ 115.326(1)<br>§ 115.327(4) |
| WP-FLR-FE | EU | 63CC-1FG | VOC | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | § 115.322(1)<br>§ 115.322(2)<br>§ 115.322(3) | No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2). | § 115.324<br>§ 115.324(1)<br>§ 115.324(1)(C)<br>§ 115.324(4)<br>§ 115.324(6)<br>[G]§ 115.325 | [G]§ 115.326(1)<br>[G]§ 115.326(2)<br>[G]§ 115.326(3)<br>§ 115.326(5) | [G]§ 115.326(1)<br>§ 115.327(4) |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-2<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(f)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2. | [G]§ 60.482-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-3<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.648(i)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3. | [G]§ 60.482-3<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(h)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(d)(6)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-5<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-6<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6. | § 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-7<br>[G]§ 60.482-9<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7. | [G]§ 60.482-7<br>[G]§ 60.483-1<br>[G]§ 60.483-2<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>[G]§ 60.485(e)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>[G]§ 60.486(e)(2)<br>[G]§ 60.486(e)(4)<br>[G]§ 60.486(f)<br>[G]§ 60.486(g)<br>§ 60.486(j) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(d)<br>§ 60.487(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>[G]§ 60.482-8<br>[G]§ 60.482-9<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8. | [G]§ 60.482-8<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 63.648(b) | [G]§ 60.486(a)<br>[G]§ 60.486(b)<br>[G]§ 60.486(c)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 60.486(j)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e) |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.18<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(d)<br>§ 60.482-10(e) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10. | § 60.485(a)<br>[G]§ 60.485(c)<br>[G]§ 60.485(d)<br>§ 60.485(f)<br>[G]§ 60.485(g) | [G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(D) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | | | § 63.655(i)(5) | |
| WP-FLR-FE | EU | 63CC-1FG | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.648(a)<br>§ 60.482-1(a)<br>§ 60.482-1(b)<br>§ 60.482-10(e)<br>[G]§ 60.482-10(g)<br>§ 60.482-10(h)<br>§ 60.482-10(m)<br>§ 63.648(a)(2)<br>§ 63.655(d)(2) | Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10. | [G]§ 60.482-10(f)<br>§ 60.482-10(i)<br>§ 60.485(a)<br>[G]§ 60.485(b)<br>[G]§ 60.485(d)<br>§ 60.485(f) | [G]§ 60.482-10(j)<br>[G]§ 60.482-10(k)<br>[G]§ 60.482-10(l)<br>[G]§ 60.486(a)<br>[G]§ 60.486(d)<br>§ 60.486(e)<br>§ 60.486(e)(1)<br>§ 63.648(h)<br>§ 63.655(d)(1)(i)<br>§ 63.655(i)(5) | § 60.487(a)<br>[G]§ 60.487(b)<br>[G]§ 60.487(c)<br>§ 60.487(e)<br>[G]§ 63.655(f)(1)(i)(C)<br>[G]§ 63.655(f)(1)(i)(D) |
| SRU1 | EU | REG2 | SO2 | 30 TAC Chapter 112, Sulfur Compounds | § 112.7(a) | No person may cause, suffer, allow, or permit emissions of SO2 to exceed the emission limits specified for stack effluent flow rates < 4,000 scfm as determined by the specified equation. | § 112.2(a)<br>** See CAM Summary | § 112.2(c) | § 112.2(b) |
| SRU2 | EU | REG2 | SO2 | 30 TAC Chapter 112, Sulfur Compounds | § 112.7(a) | No person may cause, suffer, allow, or permit emissions of SO2 to exceed the emission limits specified for stack effluent flow rates < 4,000 scfm as determined by the specified equation. | § 112.2(a)<br>** See CAM Summary | § 112.2(c) | § 112.2(b) |
| PD-11 | EU | COAST61BB1 | BENZENE | 40 CFR Part 61, Subpart BB | [G]§ 61.302(a)<br>§ 61.302(b)<br>§ 61.302(f)<br>§ 61.302(g)<br>§ 61.302(j)<br>§ 61.302(k) | Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2) | § 61.302(k)<br>§ 61.303(a)<br>§ 61.303(a)(1)<br>§ 61.304(a)(1)<br>§ 61.304(a)(2)<br>§ 61.304(a)(4)<br>§ 61.304(a)(4)(i)<br>§ 61.304(a)(4)(ii)<br>§ 61.304(a)(4)(iii)<br>§ 61.304(a)(4)(iv)<br>§ 61.304(a)(5) | § 61.304(a)(4)(i)<br>§ 61.304(d)(3)<br>§ 61.305(a)<br>[G]§ 61.305(a)(1)<br>§ 61.305(b)<br>§ 61.305(b)(1) | § 61.305(a)<br>§ 61.305(a)(5)<br>§ 61.305(b)<br>§ 61.305(b)(1)<br>§ 61.305(f)<br>§ 61.305(f)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 61.304(a)(6)<br>§ 61.304(a)(7)<br>§ 61.304(d)(1)<br>§ 61.304(d)(2)<br>§ 61.304(d)(3)<br>§ 61.304(e) | | |
| PD-11 | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.651(a) | Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567. | § 63.642(d)(1)<br>§ 63.642(d)(3)<br>§ 63.642(d)(4) | § 63.642(e)<br>§ 63.655(c)<br>§ 63.655(i)(5) | § 63.642(d)(2)<br>§ 63.642(f)<br>§ 63.655(c) |
| PD-11 | EU | COAST61BB2 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PD-11 | EU | COAST61BB3 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PD-3 | EU | COAST61BB1 | BENZENE | 40 CFR Part 61, Subpart BB | [G]§ 61.302(a)<br>§ 61.302(b)<br>§ 61.302(f)<br>§ 61.302(g)<br>§ 61.302(j)<br>§ 61.302(k) | Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2) | § 61.302(k)<br>§ 61.303(a)<br>§ 61.303(a)(1)<br>§ 61.304(a)(1)<br>§ 61.304(a)(2)<br>§ 61.304(a)(4)<br>§ 61.304(a)(4)(i)<br>§ 61.304(a)(4)(ii)<br>§ 61.304(a)(4)(iii)<br>§ 61.304(a)(4)(iv)<br>§ 61.304(a)(5) | § 61.304(a)(4)(i)<br>§ 61.304(d)(3)<br>§ 61.305(a)<br>[G]§ 61.305(a)(1)<br>§ 61.305(b)<br>§ 61.305(b)(1) | § 61.305(a)<br>§ 61.305(a)(5)<br>§ 61.305(b)<br>§ 61.305(b)(1)<br>§ 61.305(f)<br>§ 61.305(f)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 61.304(a)(6)<br>§ 61.304(a)(7)<br>§ 61.304(d)(1)<br>§ 61.304(d)(2)<br>§ 61.304(d)(3)<br>§ 61.304(e) | | |
| PD-3 | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.651(a) | Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567. | § 63.642(d)(1)<br>§ 63.642(d)(3)<br>§ 63.642(d)(4) | § 63.642(e)<br>§ 63.655(c)<br>§ 63.655(i)(5) | § 63.642(d)(2)<br>§ 63.642(f)<br>§ 63.655(c) |
| PD-3 | EU | COAST61BB2 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PD-3 | EU | COAST61BB3 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PD-4 | EU | COAST61BB1 | BENZENE | 40 CFR Part 61, Subpart BB | [G]§ 61.302(a)<br>§ 61.302(b)<br>§ 61.302(f)<br>§ 61.302(g)<br>§ 61.302(j)<br>§ 61.302(k) | Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2) | § 61.302(k)<br>§ 61.303(a)<br>§ 61.303(a)(1)<br>§ 61.304(a)(1)<br>§ 61.304(a)(2)<br>§ 61.304(a)(4)<br>§ 61.304(a)(4)(i)<br>§ 61.304(a)(4)(ii)<br>§ 61.304(a)(4)(iii)<br>§ 61.304(a)(4)(iv)<br>§ 61.304(a)(5) | § 61.304(a)(4)(i)<br>§ 61.304(d)(3)<br>§ 61.305(a)<br>[G]§ 61.305(a)(1)<br>§ 61.305(b)<br>§ 61.305(b)(1) | § 61.305(a)<br>§ 61.305(a)(5)<br>§ 61.305(b)<br>§ 61.305(b)(1)<br>§ 61.305(f)<br>§ 61.305(f)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 61.304(a)(6)<br>§ 61.304(a)(7)<br>§ 61.304(d)(1)<br>§ 61.304(d)(2)<br>§ 61.304(d)(3)<br>§ 61.304(e) | | |
| PD-4 | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.651(a) | Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567. | § 63.642(d)(1)<br>§ 63.642(d)(3)<br>§ 63.642(d)(4) | § 63.642(e)<br>§ 63.655(c)<br>§ 63.655(i)(5) | § 63.642(d)(2)<br>§ 63.642(f)<br>§ 63.655(c) |
| PD-4 | EU | COAST61BB 2 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PD-4 | EU | COAST61BB 3 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PD-6 | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.651(a) | Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567. | § 63.642(d)(1)<br>§ 63.642(d)(3)<br>§ 63.642(d)(4) | § 63.642(e)<br>§ 63.655(c)<br>§ 63.655(i)(5) | § 63.642(d)(2)<br>§ 63.642(f)<br>§ 63.655(c) |
| PD-7 | EU | COAST61BB1 | BENZENE | 40 CFR Part 61, Subpart BB | [G]§ 61.302(a)<br>§ 61.302(b)<br>§ 61.302(f) | Equip each loading rack with vapor collection system to collect all displaced benzene vapors and | § 61.302(k)<br>§ 61.303(a)<br>§ 61.303(a)(1) | § 61.304(a)(4)(i)<br>§ 61.304(d)(3)<br>§ 61.305(a) | § 61.305(a)<br>§ 61.305(a)(5)<br>§ 61.305(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 61.302(g)<br>§ 61.302(j)<br>§ 61.302(k) | prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2) | § 61.304(a)(1)<br>§ 61.304(a)(2)<br>§ 61.304(a)(4)<br>§ 61.304(a)(4)(i)<br>§ 61.304(a)(4)(ii)<br>§ 61.304(a)(4)(iii)<br>§ 61.304(a)(4)(iv)<br>§ 61.304(a)(5)<br>§ 61.304(a)(6)<br>§ 61.304(a)(7)<br>§ 61.304(d)(1)<br>§ 61.304(d)(2)<br>§ 61.304(d)(3)<br>§ 61.304(e) | [G]§ 61.305(a)(1)<br>§ 61.305(b)<br>§ 61.305(b)(1) | § 61.305(b)(1)<br>§ 61.305(f)<br>§ 61.305(f)(1) |
| PD-7 | EU | COAST63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.651(a) | Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567. | § 63.642(d)(1)<br>§ 63.642(d)(3)<br>§ 63.642(d)(4) | § 63.642(e)<br>§ 63.655(c)<br>§ 63.655(i)(5) | § 63.642(d)(2)<br>§ 63.642(f)<br>§ 63.655(c) |
| PD-7 | EU | COAST61BB2 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PD-7 | EU | COAST61BB3 | EXEMPT | 40 CFR Part 63, Subpart Y | § 63.560(a)(2)<br>§ 153.282<br>§ 63.560(a)(4) | Existing sources with emissions less than 10 and 25 tons must meet the submerged fill standards of 46 CFR 153.282. This submerged fill requirement does not apply to petroleum refineries. | § 63.565(l) | § 63.567(j)(4) | None |
| PMA-LOAD | EU | R5211 | VOC | 30 TAC Chapter 115, Loading and Unloading | § 115.217(b)(2)<br>§ 115.212(b)(2)<br>§ 115.214(b)(1)(B) | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with | § 115.214(b)(1)(A)<br>§ 115.214(b)(1)(A)(i)<br>§ 115.215 | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | of VOC | § 115.214(b)(1)(D)<br>§ 115.214(b)(1)(D)(i) | a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified. | § 115.215(4) | | |
| TT-RACK | EU | 63CC-1LD | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.211(2)<br>§ 115.212(b)(3)(A)<br>§ 115.212(b)(3)(A)(i)<br>§ 115.212(b)(3)(B)<br>[G]§ 115.212(b)(3)(C)<br>§ 115.212(b)(3)(E)<br>§ 115.212(b)(4)(A)<br>§ 115.212(b)(4)(B)<br>§ 115.212(b)(4)(C)<br>§ 115.214(b)(1)(B)<br>§ 115.214(b)(1)(C) | Gasoline terminals, in the covered attainment counties, shall ensure that VOC emissions do not exceed 0.17lb/1,000gal, and until 4/30/00 in Gregg, Nueces, and Victoria Counties 0.67lb/1,000gal. | § 115.212(b)(3)(B)<br>§ 115.212(b)(4)(C)<br>§ 115.214(b)(1)(A)<br>§ 115.214(b)(1)(A)(i)<br>§ 115.214(b)(1)(A)(ii)<br>§ 115.214(b)(1)(A)(iii)<br>§ 115.214(b)(2)<br>§ 115.215<br>§ 115.215(1)<br>§ 115.215(10)<br>[G]§ 115.215(2)<br>§ 115.215(4)<br>§ 115.215(5)<br>§ 115.215(6)<br>§ 115.215(9)<br>§ 115.216(1)<br>§ 115.216(1)(A)<br>§ 115.216(1)(A)(i) | § 115.216<br>§ 115.216(1)<br>§ 115.216(1)(A)<br>§ 115.216(1)(A)(i)<br>§ 115.216(2)<br>§ 115.216(3)(A)<br>§ 115.216(3)(A)(i)<br>§ 115.216(3)(A)(ii)<br>§ 115.216(3)(A)(iii)<br>§ 115.216(3)(B)<br>[G]§ 115.216(3)(E) | None |
| TT-RACK | EU | 63CC-1LDA | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(b)(2)<br>§ 115.212(b)(2)<br>§ 115.214(b)(1)(B)<br>§ 115.214(b)(1)(D)<br>§ 115.214(b)(1)(D)(i) | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified. | § 115.214(b)(1)(A)<br>§ 115.214(b)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4) | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B) | None |
| TT-RACK | EU | 63CC-1LD | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.650(a)<br>§ 60.502(a)<br>§ 60.502(d)<br>§ 60.502(g)<br>§ 60.502(h)<br>§ 60.502(i)<br>§ 63.422(a)<br>§ 63.422(b) | A gasoline loading rack classified under SIC 2911 located within a contiguous area and under common control with a petroleum refinery shall comply with specified sections. | § 60.503(a)<br>§ 60.503(b)<br>§ 60.503(b)<br>§ 60.503(d)<br>§ 60.503(d)(1)<br>§ 60.503(d)(2)<br>§ 63.425(a)<br>§ 63.425(b) | § 60.503(d)(2)<br>§ 63.425(b)(1)<br>§ 63.425(c)<br>§ 63.428(c)(1)<br>§ 63.428(c)(2)<br>§ 63.428(c)(2)(i)<br>§ 63.642(e)<br>§ 63.655(b) | § 63.428(c)(2)<br>§ 63.428(c)(2)(i)<br>§ 63.428(h)(1)<br>§ 63.642(d)(2)<br>§ 63.642(f)<br>§ 63.655(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.427(b) | | § 63.425(b)(1)<br>§ 63.425(b)(2)<br>§ 63.425(b)(3)<br>§ 63.427(a)<br>§ 63.427(a)(3)<br>§ 63.427(b)<br>§ 63.642(d)(1)<br>§ 63.642(d)(3)<br>§ 63.642(d)(4) | § 63.655(i)(5) | |
| 137-H-3 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 148-H-01 | EU | 63-DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 148-H-02 | EU | 63-DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | CFR Part 63, Subpart DDDDD | | | | |
| 37-H-1 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 37-H-2 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 39-H-1 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 39-H-2 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing | The permit holder shall comply with the applicable recordkeeping | The permit holder shall comply with the applicable reporting requirements of 40 |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | | requirements of 40 CFR Part 63, Subpart DDDDD | requirements of 40 CFR Part 63, Subpart DDDDD | CFR Part 63, Subpart DDDDD |
| 39-H-7 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 44-H-1 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 44-H-2 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| 44-H-3 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 7-H-2 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 8-H-3 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 8-H-4 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | requirements of 40 CFR Part 63, Subpart DDDDD | | | | |
| 8-H-5 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 8-H-6 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| H-TK-55 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| H-TK-71 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart | The permit holder shall comply with the applicable monitoring | The permit holder shall comply with the applicable | The permit holder shall comply with the applicable reporting |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | DDDDD | and testing requirements of 40 CFR Part 63, Subpart DDDDD | recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | requirements of 40 CFR Part 63, Subpart DDDDD |
| H-TK-83 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| Q10-H-1 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| Q11-H-3001 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| Q11-H-3002 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| Q11-H-301 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| Q3-H-3 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| Q3-H-4 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | requirements of 40 CFR Part 63, Subpart DDDDD | | | | |
| QH-125 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| QL-10 | EU | 63DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| SMR2 | EU | 63-DDDDD | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| 131-P62-EN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.1<br>§ 63.6595(a)(1)<br>§ 63.6605(a) | For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a | § 63.6625(f)<br>§ 63.6625(i)<br>§ 63.6640(a) | § 63.6625(i)<br>§ 63.6655(a)<br>§ 63.6655(a)(1) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(i)<br>§ 63.6640(b)<br>[G]§ 63.6640(f)(1) | major source, you must comply with the requirements as specified in Table 2c.1.a-c. | § 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6655(f)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | |
| 131-P64-EN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.1<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(i)<br>§ 63.6640(b)<br>[G]§ 63.6640(f)(1) | For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c. | § 63.6625(f)<br>§ 63.6625(i)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(i)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6655(f)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| 131-P71-EN | EU | 63ZZZZ | EXEMPT | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6605(b)<br>[G]§ 63.6640(f)(1) | An affected source which meets either of the criteria in paragraph (b)(1)(i) through (ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of 63.6645(d). | None | None | § 63.6645(c)<br>§ 63.6645(f) |
| 131-P72-EN | EU | 63ZZZZ | EXEMPT | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6605(b)<br>[G]§ 63.6640(f)(1) | An affected source which meets either of the criteria in paragraph (b)(1)(i) through (ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of 63.6645(d). | None | None | § 63.6645(c)<br>§ 63.6645(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| 131-P74-EN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.1<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(i)<br>§ 63.6640(b)<br>[G]§ 63.6640(f)(1) | For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c. | § 63.6625(f)<br>§ 63.6625(i)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(i)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6655(f)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| 131-P87-EN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.1<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(i)<br>§ 63.6640(b)<br>[G]§ 63.6640(f)(1) | For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c. | § 63.6625(f)<br>§ 63.6625(i)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(i)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6655(f)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| 192G001-EN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.1<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(i)<br>§ 63.6640(b)<br>[G]§ 63.6640(f)(1) | For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c. | § 63.6625(f)<br>§ 63.6625(i)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(i)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6655(f)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| 65-G01-EN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, | § 63.6602-Table2c.1 | For each existing emergency | § 63.6625(f) | § 63.6625(i) | § 63.6640(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart ZZZZ | § 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(i)<br>§ 63.6640(b)<br>[G]§ 63.6640(f)(1) | stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c. | § 63.6625(i)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6655(f)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(e)<br>§ 63.6650(f) |
| 67BD101GEN | EU | 60IIII | 112(B) HAPS | 40 CFR Part 60, Subpart IIII | § 60.4200(a)<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart IIII | The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart IIII | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart IIII | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart IIII | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart IIII |
| 67BD101GEN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | A new/reconstructed stationary RICE located at an area source, or located at a major source of HAP emissions and is a spark ignition (SI) 2SLB < 500 HP, SI 4 SLB < 250 HP, or 4SRB, compression ignition (CI), emergency or limited use, or which combusts landfill or digester gas at > 10% of the gross heat input < 500 HP must meet the requirements of this part by meeting the requirements of 40 CFR Part 60, Subpart IIII, for CI engines or 40 CFR Part 60, Subpart JJJJ, for SI engines. | None | None | None |
| 69P135CEN | EU | 63ZZZZ | 112(B) HAPS | 40 CFR Part 63, | § 63.6602-Table2c.1 | For each existing emergency | § 63.6625(f) | § 63.6625(i) | § 63.6640(b) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Subpart ZZZZ | § 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(i)<br>§ 63.6640(b)<br>[G]§ 63.6640(f)(1) | stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c. | § 63.6625(i)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6655(f)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(e)<br>§ 63.6650(f) |
| OCT-EM-EN4 | EU | 63ZZZZa | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| OCT-EM-EN4 | EU | 63ZZZZb | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| OCT-ER-EN5 | EU | 63ZZZZa | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | |
| OCT-ER-EN5 | EU | 63ZZZZb | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| OCT-WM-EN1 | EU | 63ZZZZa | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| OCT-WM-EN1 | EU | 63ZZZZb | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | § 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | |
| OCT-WR-EN2 | EU | 63ZZZZa | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| OCT-WR-EN2 | EU | 63ZZZZb | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602-Table2c.7<br>§ 63.6595(a)(1)<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(e)<br>§ 63.6625(h)<br>§ 63.6625(j)<br>§ 63.6640(b) | For each existing non-emergency, non-black start stationary SI RICE with a site rating less than 100 HP, located at a major source, that are not 2SLB stationary RICE, you must comply with the requirements as specified in Table 2c.7.a-c. | § 63.6625(j)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table6.9.a.i<br>§ 63.6640(a)-Table6.9.a.ii<br>§ 63.6640(b) | § 63.6625(j)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>§ 63.6655(d)<br>§ 63.6655(e)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6650(f) |
| 194-TK-74 | EU | R5112-b | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| 194-TK-74 | EU | R5112-c | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |

# Applicable Requirements Summary

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|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | with the appropriate control device specified in Table I(a) or Table II(a). | Monitoring Summary | | |
| 194-TK-74 | EU | 60KB-b | VOC | 40 CFR Part 60, Subpart Kb | § 60.110b(a) | Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84. | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(d)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.116b(d) |
| 194-TK-74 | EU | 60KB-c | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |
| 194-TK-74 | EU | 60KB-d | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |
| 194-TK-74 | EU | 60QQQ | VOC | 40 CFR Part 60, Subpart QQQ | § 60.692-3(d)<br>§ 60.692-1(a)<br>§ 60.692-6(a)<br>§ 60.692-6(b) | Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts | § 60.692-3(a)(4)<br>§ 60.696(a) | § 60.697(a)<br>§ 60.697(c)<br>[G]§ 60.697(e)<br>§ 60.697(f)(1) | § 60.698(b)(1)<br>§ 60.698(e) |

# Applicable Requirements Summary

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|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.692-7(b) | K, Ka, or Kb, are not subject to the requirements of this section. | | [G]§ 60.697(f)(2) | |
| 194-TK-74 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| 194-TK-74 | EU | 63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(n)(8)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 63.640(n)(8)(ii)<br>§ 63.640(n)(8)(iii) | Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)(1)<br>[G]§ 60.116b(e)(3)<br>§ 63.640(n)(8)(ii) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 63.640(n)(8)(iv)<br>§ 63.640(n)(8)(v) |
| 29-TK-101 | EU | TAC115-1TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.114(b)(4)(A) | | | | |
| 29-TK-101 | EU | TAC115-1TK | VOC | 40 CFR Part 60, Subpart Kb | [G]§ 60.112b(a)(2) | Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii). | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A)<br>§ 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2)<br>§ 60.115b(b)(4) |
| 43-TK-2 | EU | 61FF-1TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| 43-TK-2 | EU | 61FF-1TK | VOC | 40 CFR Part 60, Subpart Kb | § 60.110b(a) | Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84. | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(d)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.116b(d) |
| 43-TK-2 | EU | 61FF-1TK | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(5) | | § 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| 43-TK-2 | EU | 61FF-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.133(a)(2)(ii)<br>§ 63.132(a)(2)(i)(A)<br>§ 63.132(a)(2)(i)(B)<br>[G]§ 63.132(f)<br>§ 63.133(f)<br>§ 63.133(h)<br>§ 63.140(a)<br>§ 63.140(b)<br>§ 63.140(c)<br>§ 63.144(a) | A fixed roof and an internal floating roof that meets the requirements specified in Sec. 63.119(b) of this subpart; | § 63.133(f)<br>§ 63.133(g)<br>§ 63.133(g)(2)<br>§ 63.133(g)(3)<br>§ 63.143(a)<br>§ 63.143(g) | § 63.133(h)<br>§ 63.147(b)<br>§ 63.147(b)(1)<br>§ 63.147(b)(6)<br>§ 63.147(b)(7)<br>[G]§ 63.152(a) | § 63.146(b)(2)<br>§ 63.146(b)(5)<br>§ 63.146(b)(6)<br>§ 63.146(c)<br>§ 63.146(g)<br>[G]§ 63.151(b)<br>§ 63.151(e)<br>§ 63.151(e)(1)<br>§ 63.151(e)(2)<br>§ 63.151(e)(3)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(3)<br>§ 63.152(c)(3)(i)<br>§ 63.152(c)(3)(ii)<br>§ 63.152(c)(4)(ii)<br>[G]§ 63.152(c)(6) |
| 43-TK-2 | EU | 63GGGGG | 112(B) HAPS | 40 CFR Part 63, Subpart GGGGG | § 63.7886(b)(1)(i) The permit holder shall comply with the applicable limitation, standard and/or equipment specification | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | requirements of 40 CFR Part 63, Subpart GGGGG | | | | |
| 8-TK-1 | EU | TAC115-1TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| 8-TK-1 | EU | TAC115-1TK | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| GRP11TANKS | EU | 63CC-7TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| GRP11TANKS | EU | 63CC-7TK | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | | | |
| GRP11TANKS | EU | 63CC-7TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| GRP1ATANKS | EU | 63G-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| GRP1BTANKS | EU | 63CC-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP1CTANKS | EU | 63CC-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | in paragraph (a) of this section are part of the affected source. | | § 63.655(i)(5) | § 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP1TANKS | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| GRP1TANKS | EU | 63G-1TK | VOC | 40 CFR Part 60, Subpart K | § 60.110(c)<br>§ 60.110(c)(2) | Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section. | § 60.113(a)<br>§ 60.113(b) | § 60.113(a) | None |
| GRP1TANKS | EU | 63G-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(b)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.119(b)(5)(i)<br>§ 63.119(b)(5)(ii)<br>§ 63.119(b)(5)(iii)<br>§ 63.119(b)(5)(iv)<br>§ 63.119(b)(5)(v)<br>§ 63.119(b)(5)(vi)<br>§ 63.119(b)(5)(vii)<br>[G]§ 63.119(b)(5)(viii)<br>§ 63.119(b)(6)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7) | Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.123(a)<br>§ 63.123(c)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.122(d)<br>§ 63.122(d)(1)(ii)<br>§ 63.122(d)(1)(iii)<br>§ 63.122(d)(2)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP2ATANKS | EU | 63G-2TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(b)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.119(b)(5)(i)<br>§ 63.119(b)(5)(ii)<br>§ 63.119(b)(5)(iii)<br>§ 63.119(b)(5)(iv)<br>§ 63.119(b)(5)(v)<br>§ 63.119(b)(5)(vi)<br>§ 63.119(b)(5)(vii)<br>[G]§ 63.119(b)(5)(viii)<br>§ 63.119(b)(6)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7) | Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.123(a)<br>§ 63.123(c)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.122(d)<br>§ 63.122(d)(1)(ii)<br>§ 63.122(d)(1)(iii)<br>§ 63.122(d)(2)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |
| GRP2BTANKS | EU | 63CC-4TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| GRP2BTANKS | EU | 63CC-4TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| GRP2CTANKS | EU | 63CC-2TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| GRP2CTANKS | EU | 63CC-2TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| GRP2TANKS | EU | 63CC-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP3A1TANK | EU | 63CC-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP3ATANKS | EU | 63CC-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP3BTANKS | EU | 63CC-5TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| GRP3BTANKS | EU | 63CC-5TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | | § 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | | [G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| GRP3CTANKS | EU | 63CC-3TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| GRP3CTANKS | EU | 63CC-3TK | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| GRP3CTANKS | EU | 63CC-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | | | | § 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| GRP3TANKS | EU | 63G-3TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| GRP3TANKS | EU | 63G-3TK | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| GRP3TANKS | EU | 63G-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(b)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.119(b)(5)(i)<br>§ 63.119(b)(5)(ii)<br>§ 63.119(b)(5)(iii)<br>§ 63.119(b)(5)(iv)<br>§ 63.119(b)(5)(v)<br>§ 63.119(b)(5)(vi)<br>§ 63.119(b)(5)(vii)<br>[G]§ 63.119(b)(5)(viii)<br>§ 63.119(b)(6)<br>§ 63.120(a)(4) | Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.123(a)<br>§ 63.123(c)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.122(d)<br>§ 63.122(d)(1)(ii)<br>§ 63.122(d)(1)(iii)<br>§ 63.122(d)(2)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.120(a)(7) | | | | |
| GRP4ATANKS | EU | 63G-3TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| GRP4ATANKS | EU | 63G-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(b)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.119(b)(5)(i)<br>§ 63.119(b)(5)(ii)<br>§ 63.119(b)(5)(iii)<br>§ 63.119(b)(5)(iv)<br>§ 63.119(b)(5)(v)<br>§ 63.119(b)(5)(vi)<br>§ 63.119(b)(5)(vii)<br>[G]§ 63.119(b)(5)(viii)<br>§ 63.119(b)(6)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7) | Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.123(a)<br>§ 63.123(c)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.122(d)<br>§ 63.122(d)(1)(ii)<br>§ 63.122(d)(1)(iii)<br>§ 63.122(d)(2)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |
| GRP4BTANKS | EU | 63CC-7TK | VOC | 40 CFR Part 60, Subpart K | § 60.110(c)<br>§ 60.110(c)(2) | Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section. | § 60.113(a)<br>§ 60.113(b) | § 60.113(a) | None |
| GRP4TANKS | EU | 63CC-2TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | specified in Table I(a) or Table II(a). | | | |
| GRP4TANKS | EU | 63CC-2TK | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| GRP4TANKS | EU | 63CC-2TK | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| GRP4TANKS | EU | 63CC-2TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| GRP4TANKS | EU | 63GGGGG | 112(B) HAPS | 40 CFR Part 63, Subpart GGGGG | § 63.7886(b)(1)(i) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG |
| GRP5TANKS | EU | 63CC-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP6BTANKS | EU | 63CC-1TK1 | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP6TANKS | EU | 63CC-4TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | | | | |
| GRP6TANKS | EU | 63CC-4TK | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| GRP6TANKS | EU | 63CC-4TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| GRP7ATANKS | EU | 63CC-5TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.114(b)(4)(A) | | | | |
| GRP7ATANKS | EU | 63CC-5TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| GRP7TANKS | EU | 63CC-5TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP9ATANKS | EU | 63CC-6TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| GRP9TANKS | EU | 63CC-8TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | process units meeting the criteria in paragraph (a) of this section are part of the affected source. | | § 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| SWS1-T3 | EU | TAC115-2TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| SWS1-T3 | EU | TAC115-2TK | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |
| SWS1-T3 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| TK-100 | EU | R5112-b | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-100 | EU | R5112-c | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-100 | EU | 60K-b | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| TK-100 | EU | 60K-c | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| TK-100 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>[G]§ 60.112b(a)(2)<br>§ 61.351(a)(2)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 61.356(k) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6) | | § 60.115b(b)(4)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-100 | EU | 63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| TK-102 | EU | 63CC-10TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-102 | EU | 63CC-10TK | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | | § 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | | |
| TK-102 | EU | 63CC-10TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(n)(8)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 63.640(n)(8)(ii)<br>§ 63.640(n)(8)(iii) | Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i)<br>§ 63.640(n)(8)(ii) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 63.640(n)(8)(iv)<br>§ 63.640(n)(8)(v) |
| TK-108 | EU | 63CC-3TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | [G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(4)<br>§ 115.118(b)(5) | None |
| TK-108 | EU | 63CC-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(e)(1)<br>[G]§ 63.148(d)<br>§ 63.148(e)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(d)(1)<br>§ 63.120(d)(5)<br>§ 63.120(d)(6)<br>§ 63.148(b)(1)(ii)<br>[G]§ 63.148(c)<br>§ 63.148(g)<br>§ 63.148(g)(2)<br>§ 63.148(h)<br>§ 63.148(h)(2)<br>§ 63.646(b)(1) | § 63.120(d)(1)(i)<br>§ 63.120(d)(1)(i)(A)<br>§ 63.120(d)(1)(i)(B)<br>§ 63.148(g)(2)<br>§ 63.148(h)(2)<br>§ 63.148(i)(1)<br>§ 63.148(i)(2)<br>[G]§ 63.148(i)(4)<br>§ 63.148(i)(5)<br>§ 63.148(i)(6)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.120(d)(1)<br>§ 63.120(d)(2)<br>§ 63.120(d)(2)(i)<br>§ 63.120(d)(2)(ii)<br>§ 63.120(d)(3)<br>§ 63.120(d)(3)(i)<br>§ 63.120(d)(4)<br>§ 63.148(j)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>[G]§ 63.655(f)(3)<br>§ 63.655(f)(6)<br>[G]§ 63.655(g)(5)<br>§ 63.655(h) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| TK-108 | EU | 63CC-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(e)<br>§ 63.119(a)(1)<br>§ 63.119(e)(1)<br>§ 63.119(e)(3)<br>§ 63.119(e)(4)<br>§ 63.119(e)(5)<br>[G]§ 63.148(d)<br>§ 63.148(e) | The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5). | § 63.120(d)(1)<br>§ 63.120(d)(5)<br>§ 63.120(d)(6)<br>§ 63.148(b)(1)(ii)<br>[G]§ 63.148(c)<br>§ 63.148(g)<br>§ 63.148(g)(2)<br>§ 63.148(h)<br>§ 63.148(h)(2) | § 63.120(d)(1)(i)<br>§ 63.120(d)(1)(i)(A)<br>§ 63.120(d)(1)(i)(B)<br>§ 63.123(a)<br>§ 63.123(f)(1)<br>[G]§ 63.123(f)(2)<br>§ 63.148(g)(2)<br>§ 63.148(h)(2)<br>§ 63.148(i)(1)<br>§ 63.148(i)(2)<br>[G]§ 63.148(i)(4)<br>§ 63.148(i)(5)<br>§ 63.148(i)(6)<br>[G]§ 63.152(a) | § 63.120(d)(1)<br>§ 63.120(d)(2)<br>§ 63.120(d)(2)(i)<br>§ 63.120(d)(2)(ii)<br>§ 63.120(d)(3)<br>§ 63.120(d)(3)(i)<br>§ 63.120(d)(4)<br>§ 63.122(b)<br>§ 63.122(c)(1)<br>[G]§ 63.122(g)(1)<br>[G]§ 63.122(g)(2)<br>§ 63.148(j)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(2)(i)<br>[G]§ 63.152(c)(2)(ii)<br>§ 63.152(c)(2)(iii)<br>§ 63.152(c)(3)<br>§ 63.152(c)(3)(i)<br>§ 63.152(c)(4)(ii)<br>[G]§ 63.152(c)(6) |
| TK-109 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | II(a). | | | |
| TK-109 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-110 | EU | 63CC-3TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| TK-110 | EU | 60KB-a | VOC | 40 CFR Part 60, Subpart Kb | [G]§ 60.112b(a)(2) | Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii). | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A)<br>§ 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2)<br>§ 60.115b(b)(4) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | | |
| TK-110 | EU | 60KB-b | VOC | 40 CFR Part 60, Subpart Kb | [G]§ 60.112b(a)(2) | Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii). | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A)<br>§ 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>[G]§ 60.116b(e)(3)<br>§ 60.116b(f)(1) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 60.116b(a)<br>§ 60.116b(b) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2)<br>§ 60.115b(b)(4) |
| TK-110 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>[G]§ 60.112b(a)(2)<br>§ 61.351(a)(2)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A)<br>§ 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 61.356(k) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2)<br>§ 60.115b(b)(4)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-110 | EU | 63CC-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| TK-128 | EU | 63CC-2TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-128 | EU | 63CC-2TK | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-128 | EU | 63CC-2TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1) | Each owner or operator of a Group 1 storage vessel subject to this | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.642(e) | § 63.120(a)(5)<br>§ 63.120(a)(6) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>§ 63.646(g) | subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.646(b)(1)<br>§ 63.646(e) | § 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| TK-128 | EU | 63CC-2TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(b)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.119(b)(5)(i)<br>§ 63.119(b)(5)(ii)<br>§ 63.119(b)(5)(iii)<br>§ 63.119(b)(5)(iv)<br>§ 63.119(b)(5)(v)<br>§ 63.119(b)(5)(vi)<br>§ 63.119(b)(5)(vii)<br>[G]§ 63.119(b)(5)(viii)<br>§ 63.119(b)(6)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7) | Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.123(a)<br>§ 63.123(c)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.122(d)<br>§ 63.122(d)(1)(ii)<br>§ 63.122(d)(1)(iii)<br>§ 63.122(d)(2)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |
| TK-138 | EU | 63CC-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| TK-14 | EU | 63CC-8TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| TK-146 | EU | 63CC-4TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-146 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-146 | EU | 63CC-4TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)- | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>§ 63.646(g) | (l). | | § 63.655(i)(5) | § 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| TK-152 | EU | 63CC-4TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-152 | EU | 63CC-4TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| TK-153 | EU | R5112-10TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| TK-153 | EU | 60Kb-10TK | VOC | 40 CFR Part 60, Subpart Kb | [G]§ 60.112b(a)(2) | Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii). | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A)<br>§ 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2)<br>§ 60.115b(b)(4) |
| TK-153 | EU | 63CC-10TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>§ 63.119(c)(2)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.646(g) | | | | § 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| TK-201 | EU | R5112-b | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | [G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(4)<br>§ 115.118(b)(5) | None |
| TK-201 | EU | R5112-c | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | [G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(4)<br>§ 115.118(b)(5) | None |
| TK-201 | EU | 60KB-b | VOC | 40 CFR Part 60, Subpart Kb | § 60.110b(a) | Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84. | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(d)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.116b(d) |
| TK-201 | EU | 60KB-c | VOC | 40 CFR Part 60, Subpart Kb | [G]§ 60.112b(a)(3) | Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii). | [G]§ 60.113b(c)(1)<br>§ 60.113b(c)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i)<br>[G]§ 60.485(b) | § 60.115b<br>[G]§ 60.115b(c)<br>§ 60.116b(a)<br>§ 60.116b(b) | [G]§ 60.113b(c)(1)<br>§ 60.115b |
| TK-201 | EU | 60KB-d | VOC | 40 CFR Part 60, Subpart Kb | [G]§ 60.112b(a)(3) | Storage vessels specified in §60.112b(a) and equipped with a | [G]§ 60.113b(c)(1)<br>§ 60.113b(c)(2) | § 60.115b<br>[G]§ 60.115b(c) | [G]§ 60.113b(c)(1)<br>§ 60.115b |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii). | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i)<br>[G]§ 60.485(b) | § 60.116b(a)<br>§ 60.116b(b) | |
| TK-201 | EU | 60KB-e | VOC | 40 CFR Part 60, Subpart Kb | [G]§ 60.112b(a)(3) | Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii). | [G]§ 60.113b(c)(1)<br>§ 60.113b(c)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>[G]§ 60.116b(e)(3)<br>[G]§ 60.485(b)<br>** See Periodic Monitoring Summary | § 60.115b<br>[G]§ 60.115b(c)<br>§ 60.116b(a)<br>§ 60.116b(b) | [G]§ 60.113b(c)(1)<br>§ 60.115b |
| TK-201 | EU | 63G-6TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(e)<br>§ 63.119(a)(1)<br>§ 63.119(e)(1)<br>§ 63.119(e)(3)<br>§ 63.119(e)(4)<br>§ 63.119(e)(5)<br>§ 63.172(a)<br>[G]§ 63.172(h)<br>§ 63.172(i)<br>§ 63.172(m) | The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5). | § 63.120(d)(1)<br>§ 63.120(d)(1)(ii)<br>§ 63.120(d)(1)(ii)(A)<br>§ 63.120(d)(5)<br>[G]§ 63.172(f)(1)<br>[G]§ 63.172(f)(2)<br>§ 63.172(g)<br>[G]§ 63.172(h)<br>[G]§ 63.172(k)<br>[G]§ 63.172(l)<br>[G]§ 63.180(b)<br>[G]§ 63.180(d) | § 63.123(a)<br>§ 63.123(f)(1)<br>[G]§ 63.123(f)(2)<br>[G]§ 63.152(a)<br>[G]§ 63.172(k)<br>[G]§ 63.172(l)<br>§ 63.181(a)<br>[G]§ 63.181(b)<br>§ 63.181(c)<br>[G]§ 63.181(d)<br>§ 63.181(g)<br>§ 63.181(g)(1)(i)<br>§ 63.181(g)(1)(ii)<br>[G]§ 63.181(g)(2)<br>[G]§ 63.181(g)(3) | § 63.120(d)(1)(ii)(B)<br>§ 63.120(d)(2)<br>§ 63.120(d)(2)(i)<br>[G]§ 63.120(d)(2)(iii)<br>§ 63.120(d)(3)<br>§ 63.120(d)(3)(i)<br>§ 63.120(d)(3)(ii)<br>§ 63.120(d)(4)<br>§ 63.122(b)<br>§ 63.122(c)(1)<br>[G]§ 63.122(g)(1)<br>[G]§ 63.122(g)(2)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(2)(i) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | [G]§ 63.152(c)(2)(ii)<br>§ 63.152(c)(2)(iii)<br>§ 63.152(c)(3)<br>§ 63.152(c)(3)(i)<br>§ 63.152(c)(4)(ii)<br>[G]§ 63.152(c)(6)<br>[G]§ 63.182(a)<br>[G]§ 63.182(b)<br>§ 63.182(c)<br>[G]§ 63.182(c)(1)<br>§ 63.182(c)(4)<br>[G]§ 63.182(d) |
| TK-202 | EU | 63G-3TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-202 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-202 | EU | 63G-3TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(b)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2) | Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.123(a)<br>§ 63.123(c)<br>§ 63.123(g) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.122(d)<br>§ 63.122(d)(1)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.119(b)(5)(i)<br>§ 63.119(b)(5)(ii)<br>§ 63.119(b)(5)(iii)<br>§ 63.119(b)(5)(iv)<br>§ 63.119(b)(5)(v)<br>§ 63.119(b)(5)(vi)<br>§ 63.119(b)(5)(vii)<br>[G]§ 63.119(b)(5)(viii)<br>§ 63.119(b)(6)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7) | §63.119(b)(1)-(6). | | [G]§ 63.152(a) | § 63.122(d)(1)(iii)<br>§ 63.122(d)(2)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |
| TK-205 | EU | 63CC-10TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| TK-205 | EU | 63CC-10TK | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>[G]§ 60.112b(a)(2)<br>§ 61.351(a)(2)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A)<br>§ 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 61.356(k) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2)<br>§ 60.115b(b)(4)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-205 | EU | 63CC-10TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.133(a)(2)(iii)<br>§ 63.132(a)(2)(i)(A)<br>§ 63.132(a)(2)(i)(B) | An external floating roof that meets the requirements specified in §63.119(c), §63.120(b)(5), and | § 63.133(e)(1)<br>§ 63.133(f)<br>§ 63.133(g) | § 63.133(e)(2)<br>§ 63.133(h)<br>§ 63.147(b) | § 63.146(b)(2)<br>§ 63.146(b)(5)<br>§ 63.146(b)(6) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.132(f)<br>§ 63.133(e)(2)<br>§ 63.133(f)<br>§ 63.133(h)<br>§ 63.140(a)<br>§ 63.140(b)<br>§ 63.140(c)<br>§ 63.144(a) | §63.120(b)(6) of this subpart; or | § 63.133(g)(2)<br>§ 63.133(g)(3)<br>§ 63.143(a)<br>§ 63.143(g) | § 63.147(b)(1)<br>§ 63.147(b)(2)<br>§ 63.147(b)(6)<br>§ 63.147(b)(7)<br>[G]§ 63.152(a) | § 63.146(c)<br>§ 63.146(g)<br>[G]§ 63.151(b)<br>§ 63.151(e)<br>§ 63.151(e)(1)<br>§ 63.151(e)(2)<br>§ 63.151(e)(3)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(3)<br>§ 63.152(c)(3)(i)<br>§ 63.152(c)(3)(ii)<br>§ 63.152(c)(4)(ii)<br>[G]§ 63.152(c)(6) |
| TK-205 | EU | 63CC-10TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(c)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>§ 63.119(c)(2)(i)<br>§ 63.119(c)(2)(ii)<br>§ 63.119(c)(2)(iii)<br>§ 63.119(c)(2)(iv)<br>§ 63.119(c)(2)(ix)<br>§ 63.119(c)(2)(v)<br>§ 63.119(c)(2)(vi)<br>§ 63.119(c)(2)(vii)<br>§ 63.119(c)(2)(viii)<br>§ 63.119(c)(2)(x)<br>§ 63.119(c)(2)(xi)<br>§ 63.119(c)(2)(xii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i) | Tanks using an external floating roof, (defined in § 63.111), to comply with §63.119(a)(1) shall comply with §63.119(c)(1)-(4). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.123(a)<br>§ 63.123(d)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>[G]§ 63.122(e)(1)<br>§ 63.122(e)(2)<br>§ 63.122(e)(3)<br>§ 63.122(e)(3)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8) | | | | |
| TK-205 | EU | 63GGGGG | 112(B) HAPS | 40 CFR Part 63, Subpart GGGGG | § 63.7886(b)(1)(i) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG |
| TK-206 | EU | R5112-b | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-206 | EU | R5112-c | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-206 | EU | 60KB-b | VOC | 40 CFR Part 60, Subpart Kb | § 60.110b(a) | Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(d) | § 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.116b(d) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | store VOLs for which construction/reconstruction/modification began after 7/23/84. | § 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | | |
| TK-206 | EU | 60KB-c | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |
| TK-206 | EU | 60KB-d | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |
| TK-206 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| TK-206 | EU | 63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(n)(8)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 63.640(n)(8)(ii)<br>§ 63.640(n)(8)(iii) | Vessels described by § 63.640(n)(1) and (n)(3) are to comply with 40 CFR part 60, subpart Kb, except as provided for in §63.640(n)(8)(i)-(vi). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)(1)<br>[G]§ 60.116b(e)(3)<br>§ 63.640(n)(8)(ii) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 63.640(n)(8)(iv)<br>§ 63.640(n)(8)(v) |
| TK-208 | EU | 63CC-4TK1 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-208 | EU | 63CC-4TK1 | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| TK-212 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-212 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-212 | EU | 63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| TK-212 | EU | 63CC-4TK1 | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.646(f)<br>§ 63.646(g) | | | | [G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| TK-212 | EU | 63GGGGG | 112(B) HAPS | 40 CFR Part 63, Subpart GGGGG | § 63.7886(b)(1)(i)<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG |
| TK-213 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-213 | EU | 61FF | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | | | | |
| TK-213 | EU | 63CC | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| TK-213 | EU | 63GGGGG | 112(B) HAPS | 40 CFR Part 63, Subpart GGGGG | § 63.7886(b)(1)(i) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG |
| TK-330 | EU | 63CC-6TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| TK-330 | EU | 63CC-6TK | VOC | 40 CFR Part 60, Subpart Ka | § 60.112a(a)(1)<br>§ 60.112a(a)(1)(i)<br>§ 60.112a(a)(1)(i)(A)<br>§ 60.112a(a)(1)(i)(C)<br>§ 60.112a(a)(1)(i)(D) | Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as | § 60.113a(a)(1)<br>§ 60.113a(a)(1)(i)<br>§ 60.113a(a)(1)(i)(A)<br>§ 60.113a(a)(1)(i)(B)<br>§ 60.113a(a)(1)(i)(C) | § 60.113a(a)(1)(i)(D)<br>§ 60.115a(a) | § 60.113a(a)(1)(i)(E)<br>§ 60.113a(a)(1)(iv) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.112a(a)(1)(ii)(A)<br>§ 60.112a(a)(1)(ii)(B)<br>§ 60.112a(a)(1)(ii)(C)<br>§ 60.112a(a)(1)(ii)(D)<br>§ 60.112a(a)(1)(iii)<br>§ 60.112a(a)(1)(iv) | specified. | § 60.113a(a)(1)(i)(D)<br>§ 60.113a(a)(1)(i)(E)<br>§ 60.113a(a)(1)(ii)(A)<br>§ 60.113a(a)(1)(ii)(B)<br>§ 60.113a(a)(1)(ii)(C)<br>§ 60.113a(a)(1)(iii)<br>§ 60.113a(a)(1)(iv)<br>§ 60.115a(a)<br>§ 60.115a(b) | | |
| TK-330 | EU | 63CC-6TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| TK-331 | EU | 63CC-6TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-331 | EU | 63CC-6TK | VOC | 40 CFR Part 60, Subpart Ka | § 60.112a(a)(2) | Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall | § 60.115a(a)<br>§ 60.115a(b) | § 60.115a(a) | None |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | have a fixed roof and an internal floating cover with the specified closure device and vents. | | | |
| TK-331 | EU | 63CC-6TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(d)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii)<br>§ 63.646(b)(1)<br>§ 63.646(e) | § 63.120(a)(4)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.642(f)<br>§ 63.655(f)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>§ 63.655(g)(2)<br>[G]§ 63.655(g)(2)(i)<br>[G]§ 63.655(g)(2)(ii)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>[G]§ 63.655(h)(6) |
| TK-333 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |
| TK-333 | EU | 60KB | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>[G]§ 60.116b(e)(3) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| TK-333 | EU | 63G-7TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(b)<br>§ 63.119(a)(1)<br>[G]§ 63.119(b)(1)<br>§ 63.119(b)(2)<br>§ 63.119(b)(3)(ii)<br>§ 63.119(b)(4)<br>§ 63.119(b)(5)(i)<br>§ 63.119(b)(5)(ii)<br>§ 63.119(b)(5)(iii)<br>§ 63.119(b)(5)(iv)<br>§ 63.119(b)(5)(v)<br>§ 63.119(b)(5)(vi)<br>§ 63.119(b)(5)(vii)<br>[G]§ 63.119(b)(5)(viii)<br>§ 63.119(b)(6)<br>§ 63.120(a)(4)<br>§ 63.120(a)(7) | Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6). | § 63.120(a)(2)(i)<br>§ 63.120(a)(2)(ii) | § 63.120(a)(4)<br>§ 63.123(a)<br>§ 63.123(c)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(a)(5)<br>§ 63.120(a)(6)<br>§ 63.122(d)<br>§ 63.122(d)(1)(ii)<br>§ 63.122(d)(1)(iii)<br>§ 63.122(d)(2)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |
| TK-336 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| TK-336 | EU | 63G-4TK | VOC | 40 CFR Part 60, Subpart Ka | § 60.112a(a)(1)<br>§ 60.112a(a)(1)(i)<br>§ 60.112a(a)(1)(i)(A)<br>§ 60.112a(a)(1)(i)(C)<br>§ 60.112a(a)(1)(i)(D)<br>§ 60.112a(a)(1)(ii)(A)<br>§ 60.112a(a)(1)(ii)(B)<br>§ 60.112a(a)(1)(ii)(C)<br>§ 60.112a(a)(1)(ii)(D)<br>§ 60.112a(a)(1)(iii)<br>§ 60.112a(a)(1)(iv) | Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified. | § 60.113a(a)(1)<br>§ 60.113a(a)(1)(i)<br>§ 60.113a(a)(1)(i)(A)<br>§ 60.113a(a)(1)(i)(B)<br>§ 60.113a(a)(1)(i)(C)<br>§ 60.113a(a)(1)(i)(D)<br>§ 60.113a(a)(1)(i)(E)<br>§ 60.113a(a)(1)(ii)(A)<br>§ 60.113a(a)(1)(ii)(B)<br>§ 60.113a(a)(1)(ii)(C)<br>§ 60.113a(a)(1)(iii) | § 60.113a(a)(1)(i)(D)<br>§ 60.115a(a) | § 60.113a(a)(1)(i)(E)<br>§ 60.113a(a)(1)(iv) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | § 60.113a(a)(1)(iv)<br>§ 60.115a(a)<br>§ 60.115a(b) | | |
| TK-336 | EU | 63CC-4TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.646(a)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>[G]§ 63.646(f)<br>§ 63.646(g) | Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4)<br>§ 63.646(b)(1)<br>§ 63.646(e) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.642(e)<br>§ 63.646(b)(1)<br>§ 63.655(h)(1)<br>[G]§ 63.655(i)(1)<br>§ 63.655(i)(5) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>§ 63.642(f)<br>§ 63.655(f)<br>[G]§ 63.655(f)(1)(i)(B)<br>§ 63.655(f)(6)<br>§ 63.655(g)<br>[G]§ 63.655(g)(3)<br>§ 63.655(h)<br>§ 63.655(h)(1)<br>§ 63.655(h)(2)(i)<br>§ 63.655(h)(2)(i)(A)<br>§ 63.655(h)(2)(i)(B)<br>§ 63.655(h)(2)(i)(C)<br>§ 63.655(h)(2)(ii)<br>[G]§ 63.655(h)(6) |
| TK-336 | EU | 63G-4TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(c)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>§ 63.119(c)(2)(i)<br>§ 63.119(c)(2)(ii)<br>§ 63.119(c)(2)(iii)<br>§ 63.119(c)(2)(iv)<br>§ 63.119(c)(2)(ix)<br>§ 63.119(c)(2)(v)<br>§ 63.119(c)(2)(vi)<br>§ 63.119(c)(2)(vii)<br>§ 63.119(c)(2)(viii)<br>§ 63.119(c)(2)(x)<br>§ 63.119(c)(2)(xi)<br>§ 63.119(c)(2)(xii) | Tanks using an external floating roof, (defined in § 63.111), to comply with §63.119(a)(1) shall comply with §63.119(c)(1)-(4). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.123(a)<br>§ 63.123(d)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>[G]§ 63.122(e)(1)<br>§ 63.122(e)(2)<br>§ 63.122(e)(3)<br>§ 63.122(e)(3)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | [G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8) | | | | |
| TK-356 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| TK-356 | EU | 63G-2TK | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| TK-356 | EU | 63G-2TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(c)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii)<br>§ 63.119(c)(1)(iii)<br>§ 63.119(c)(2)(i)<br>§ 63.119(c)(2)(ii)<br>§ 63.119(c)(2)(iii)<br>§ 63.119(c)(2)(iv)<br>§ 63.119(c)(2)(ix) | Tanks using an external floating roof, (defined in § 63.111), to comply with §63.119(a)(1) shall comply with §63.119(c)(1)-(4). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i)<br>§ 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.123(a)<br>§ 63.123(d)<br>§ 63.123(g)<br>[G]§ 63.152(a) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>[G]§ 63.122(e)(1)<br>§ 63.122(e)(2)<br>§ 63.122(e)(3)<br>§ 63.122(e)(3)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.119(c)(2)(v)<br>§ 63.119(c)(2)(vi)<br>§ 63.119(c)(2)(vii)<br>§ 63.119(c)(2)(viii)<br>§ 63.119(c)(2)(x)<br>§ 63.119(c)(2)(xi)<br>§ 63.119(c)(2)(xii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8) | | | | § 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |
| TK-61 | EU | 63CC-8TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| TK-62 | EU | 63CC-8TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i)<br>§ 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| TK-77 | EU | 63CC-1TK | 112(B) HAPS | 40 CFR Part 63, Subpart CC | § 63.640(c)(2) | All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source. | § 63.646(b)(1)<br>§ 63.646(b)(2) | § 63.646(b)(1)<br>§ 63.655(g)(7)(ii)<br>§ 63.655(i)(1)(iv)<br>§ 63.655(i)(5) | § 63.655(f)<br>§ 63.655(f)(1)(i)(A)<br>§ 63.655(g)<br>§ 63.655(g)(7)<br>§ 63.655(g)(7)(i) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 63.655(h)<br>§ 63.655(h)(6)<br>§ 63.655(h)(6)(ii) |
| TK-85 | EU | 63CC-6TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D)<br>§ 115.112(b)(2)(E)<br>§ 115.112(b)(2)(F)<br>§ 115.114(b)(2)(A)<br>§ 115.114(b)(4)(A) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(2)<br>§ 115.114(b)(3)<br>§ 115.114(b)(4)<br>§ 115.114(b)(4)(A)<br>[G]§ 115.117 | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(2)(B)<br>§ 115.114(b)(4)(B) |
| TK-85 | EU | 63CC-6TK | VOC | 40 CFR Part 60, Subpart K | § 60.112(a)(1) | Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents. | § 60.113(a)<br>§ 60.113(b)<br>** See Periodic Monitoring Summary | § 60.113(a) | None |
| TK-85 | EU | 63CC-6TK | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>[G]§ 60.112b(a)(2)<br>§ 61.351(a)(2)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | [G]§ 60.113b(b)(1)<br>[G]§ 60.113b(b)(2)<br>§ 60.113b(b)(3)<br>§ 60.113b(b)(4)<br>§ 60.113b(b)(4)(i)<br>§ 60.113b(b)(4)(i)(A)<br>§ 60.113b(b)(4)(i)(B)<br>[G]§ 60.113b(b)(4)(ii)<br>§ 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>[G]§ 60.113b(b)(6) | § 60.115b<br>[G]§ 60.115b(b)(3)<br>§ 61.356(k) | § 60.113b(b)(4)(iii)<br>§ 60.113b(b)(5)<br>§ 60.113b(b)(6)(ii)<br>§ 60.115b<br>§ 60.115b(b)(1)<br>[G]§ 60.115b(b)(2)<br>§ 60.115b(b)(4)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-85 | EU | 63CC-6TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(c)<br>§ 63.119(a)(1)<br>§ 63.119(c)(1)<br>§ 63.119(c)(1)(i)<br>§ 63.119(c)(1)(ii) | Tanks using an external floating roof, (defined in § 63.111), to comply with §63.119(a)(1) shall comply with §63.119(c)(1)-(4). | § 63.120(b)(1)(i)<br>§ 63.120(b)(1)(iii)<br>§ 63.120(b)(1)(iv)<br>§ 63.120(b)(10)<br>§ 63.120(b)(2)(i) | [G]§ 63.120(b)(7)<br>§ 63.120(b)(8)<br>§ 63.123(a)<br>§ 63.123(d)<br>§ 63.123(g) | § 63.120(b)(10)(ii)<br>§ 63.120(b)(10)(iii)<br>§ 63.120(b)(9)<br>[G]§ 63.122(e)(1)<br>§ 63.122(e)(2) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 63.119(c)(1)(iii)<br>§ 63.119(c)(2)(i)<br>§ 63.119(c)(2)(ii)<br>§ 63.119(c)(2)(iii)<br>§ 63.119(c)(2)(iv)<br>§ 63.119(c)(2)(ix)<br>§ 63.119(c)(2)(v)<br>§ 63.119(c)(2)(vi)<br>§ 63.119(c)(2)(vii)<br>§ 63.119(c)(2)(viii)<br>§ 63.119(c)(2)(x)<br>§ 63.119(c)(2)(xi)<br>§ 63.119(c)(2)(xii)<br>[G]§ 63.119(c)(3)<br>§ 63.119(c)(4)<br>§ 63.120(b)(10)(i)<br>§ 63.120(b)(5)(i)<br>§ 63.120(b)(5)(ii)<br>§ 63.120(b)(6)(i)<br>§ 63.120(b)(6)(ii)<br>[G]§ 63.120(b)(7)<br>§ 63.120(b)(8) | | § 63.120(b)(2)(ii)<br>§ 63.120(b)(2)(iii)<br>§ 63.120(b)(3)<br>§ 63.120(b)(4) | [G]§ 63.152(a) | § 63.122(e)(3)<br>§ 63.122(e)(3)(ii)<br>§ 63.151(a)(7)<br>[G]§ 63.151(b)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a)<br>§ 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(2)<br>§ 63.152(c)(4)(ii) |
| TK-85 | EU | 63GGGGG | 112(B) HAPS | 40 CFR Part 63, Subpart GGGGG | § 63.7886(b)(1)(i) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG |
| TK-9 | EU | 61FF-2TK | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1)<br>§ 115.112(b)(2)<br>§ 115.112(b)(2)(A)<br>§ 115.112(b)(2)(B)<br>§ 115.112(b)(2)(C)<br>§ 115.112(b)(2)(D) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.114(b)(1)(A)<br>[G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(b)(2)<br>§ 115.118(b)(4)<br>§ 115.118(b)(5) | § 115.114(b)(1)(B) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 115.112(b)(2)(E)<br>§ 115.114(b)(1)(A) | | | | |
| TK-9 | EU | 61FF-2TK | VOC | 40 CFR Part 60, Subpart Kb | § 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii) | Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix). | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c)<br>§ 60.116b(e)<br>§ 60.116b(e)(1)<br>§ 60.116b(e)(2)(i) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 60.116b(a)<br>§ 60.116b(b)<br>§ 60.116b(c) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3) |
| TK-9 | EU | 61FF-2TK | BENZENE | 40 CFR Part 61, Subpart FF | § 61.351(a)<br>§ 60.112b(a)(1)<br>§ 60.112b(a)(1)(i)<br>§ 60.112b(a)(1)(ii)(C)<br>§ 60.112b(a)(1)(iii)<br>§ 60.112b(a)(1)(iv)<br>§ 60.112b(a)(1)(ix)<br>§ 60.112b(a)(1)(v)<br>§ 60.112b(a)(1)(vi)<br>§ 60.112b(a)(1)(vii)<br>§ 60.112b(a)(1)(viii)<br>§ 61.351(a)(1)<br>§ 61.351(b) | As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3): | § 60.113b(a)(1)<br>§ 60.113b(a)(2)<br>§ 60.113b(a)(4)<br>§ 60.113b(a)(5) | § 60.115b<br>§ 60.115b(a)(2)<br>§ 61.356(k) | § 60.113b(a)(2)<br>§ 60.113b(a)(5)<br>§ 60.115b<br>§ 60.115b(a)(1)<br>§ 60.115b(a)(3)<br>§ 61.357(e)<br>§ 61.357(f) |
| TK-9 | EU | 61FF-2TK | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.133(a)(2)(ii)<br>§ 63.132(a)(2)(i)(A)<br>§ 63.132(a)(2)(i)(B)<br>[G]§ 63.132(f)<br>§ 63.133(f)<br>§ 63.133(h)<br>§ 63.140(a)<br>§ 63.140(b)<br>§ 63.140(c)<br>§ 63.144(a) | A fixed roof and an internal floating roof that meets the requirements specified in Sec. 63.119(b) of this subpart; | § 63.133(f)<br>§ 63.133(g)<br>§ 63.133(g)(2)<br>§ 63.133(g)(3)<br>§ 63.143(a)<br>§ 63.143(g) | § 63.133(h)<br>§ 63.147(b)<br>§ 63.147(b)(1)<br>§ 63.147(b)(6)<br>§ 63.147(b)(7)<br>[G]§ 63.152(a) | § 63.146(b)(2)<br>§ 63.146(b)(5)<br>§ 63.146(b)(6)<br>§ 63.146(c)<br>§ 63.146(g)<br>[G]§ 63.151(b)<br>§ 63.151(e)<br>§ 63.151(e)(1)<br>§ 63.151(e)(2)<br>§ 63.151(e)(3)<br>[G]§ 63.151(j)<br>[G]§ 63.152(a) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | § 63.152(b)<br>[G]§ 63.152(b)(1)<br>§ 63.152(b)(4)<br>§ 63.152(c)(1)<br>§ 63.152(c)(3)<br>§ 63.152(c)(3)(i)<br>§ 63.152(c)(3)(ii)<br>§ 63.152(c)(4)(ii)<br>[G]§ 63.152(c)(6) |
| TK-9 | EU | 63GGGGG | 112(B) HAPS | 40 CFR Part 63, Subpart GGGGG | § 63.7886(b)(1)(i) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG |
| 194-TK-65 | EU | R5131 | VOC | 30 TAC Chapter 115, Water Separation | § 115.132(b)(3)<br>§ 115.131(b) | VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title. | [G]§ 115.135(b)<br>§ 115.136(b)(3)<br>§ 115.136(b)(4)<br>** See Periodic Monitoring Summary | § 115.136(b)(3)<br>§ 115.136(b)(4) | None |
| 194-TK-65 | EU | 60QQQ | VOC | 40 CFR Part 60, Subpart QQQ | § 60.692-3(a)<br>§ 60.692-1(a)<br>§ 60.692-3(a)(1)<br>§ 60.692-3(a)(2)<br>§ 60.692-3(a)(3)<br>§ 60.692-3(a)(5)<br>§ 60.692-3(b)<br>§ 60.692-3(e)<br>§ 60.692-5(b)<br>§ 60.692-5(d)<br>[G]§ 60.692-5(e)<br>§ 60.692-6(a)<br>§ 60.692-6(b) | Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications: | § 60.692-3(a)(4)<br>§ 60.695(a)<br>§ 60.695(a)(3)<br>§ 60.695(a)(3)(ii)<br>§ 60.696(a)<br>[G]§ 60.696(b) | § 60.695(a)(3)<br>§ 60.697(a)<br>§ 60.697(c)<br>§ 60.697(d)<br>[G]§ 60.697(e)<br>§ 60.697(f)(1)<br>[G]§ 60.697(f)(2)<br>§ 60.697(f)(3)<br>§ 60.697(f)(3)(i)<br>§ 60.697(f)(3)(ii)<br>§ 60.697(f)(3)(iii)<br>§ 60.697(f)(3)(iv)<br>§ 60.697(f)(3)(v) | § 60.698(b)(1)<br>§ 60.698(d)<br>§ 60.698(d)(3)<br>§ 60.698(d)(3)(ii)<br>§ 60.698(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.692-7(b) | | | § 60.697(f)(3)(vi)<br>§ 60.697(f)(3)(vii)<br>§ 60.697(f)(3)(x)<br>§ 60.697(f)(3)(x)(B) | |
| 194-TK-65 | EU | 60FF-a | BENZENE | 40 CFR Part 61, Subpart FF | § 61.347(a)(1)<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(a)(1)(i)(B)<br>§ 61.347(b)<br>§ 61.347(c)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(ii)<br>§ 61.349(a)(1)(ii)(A)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(a)(2)(ii)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g) | Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device. | § 61.347(a)(1)(i)(A)<br>§ 61.347(b)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(ii)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(f)(2)<br>[G]§ 61.355(h) | § 61.349(a)(1)(ii)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)<br>§ 61.356(f)(2)(i)<br>§ 61.356(f)(2)(i)(G)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(10)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(3)(ii) | None |
| 194-TK-85 | EU | R5131 | VOC | 30 TAC Chapter 115, Water Separation | § 115.132(b)(3)<br>§ 115.131(b) | VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title. | [G]§ 115.135(b)<br>§ 115.136(b)(3)<br>§ 115.136(b)(4)<br>** See Periodic Monitoring Summary | § 115.136(b)(3)<br>§ 115.136(b)(4) | None |
| 194-TK-85 | EU | 60QQQ | VOC | 40 CFR Part 60, Subpart QQQ | § 60.692-3(a)<br>§ 60.692-1(a)<br>§ 60.692-3(a)(1)<br>§ 60.692-3(a)(2)<br>§ 60.692-3(a)(3)<br>§ 60.692-3(a)(5)<br>§ 60.692-3(b)<br>§ 60.692-3(e)<br>§ 60.692-5(b)<br>§ 60.692-5(d)<br>[G]§ 60.692-5(e)<br>§ 60.692-6(a) | Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications: | § 60.692-3(a)(4)<br>§ 60.695(a)<br>§ 60.695(a)(3)<br>§ 60.695(a)(3)(ii)<br>§ 60.696(a)<br>[G]§ 60.696(b) | § 60.695(a)(3)<br>§ 60.697(a)<br>§ 60.697(c)<br>§ 60.697(d)<br>[G]§ 60.697(e)<br>§ 60.697(f)(1)<br>[G]§ 60.697(f)(2)<br>§ 60.697(f)(3)<br>§ 60.697(f)(3)(i)<br>§ 60.697(f)(3)(ii)<br>§ 60.697(f)(3)(iii)<br>§ 60.697(f)(3)(iv) | § 60.698(b)(1)<br>§ 60.698(d)<br>§ 60.698(d)(3)<br>§ 60.698(d)(3)(ii)<br>§ 60.698(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.692-6(b)<br>§ 60.692-7(b) | | | § 60.697(f)(3)(v)<br>§ 60.697(f)(3)(vi)<br>§ 60.697(f)(3)(vii)<br>§ 60.697(f)(3)(x)<br>§ 60.697(f)(3)(x)(B) | |
| 194-TK-85 | EU | 60FF-a | BENZENE | 40 CFR Part 61, Subpart FF | § 61.347(a)(1)<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(a)(1)(i)(B)<br>§ 61.347(b)<br>§ 61.347(c)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(ii)<br>§ 61.349(a)(1)(ii)(A)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(a)(2)(ii)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g) | Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device. | § 61.347(a)(1)(i)(A)<br>§ 61.347(b)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(ii)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(f)(2)<br>[G]§ 61.355(h) | § 61.349(a)(1)(ii)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)<br>§ 61.356(f)(2)(i)<br>§ 61.356(f)(2)(i)(G)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(10)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(3)(ii) | None |
| WWS-EP | EU | R5131 | VOC | 30 TAC Chapter 115, Water Separation | § 115.132(b)(3)<br>§ 115.131(b) | VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title. | [G]§ 115.135(b)<br>§ 115.136(b)(3)<br>§ 115.136(b)(4)<br>** See Periodic Monitoring Summary | § 115.136(b)(3)<br>§ 115.136(b)(4) | None |
| WWS-EP | EU | 60QQQ | VOC | 40 CFR Part 60, Subpart QQQ | § 60.692-3(a)<br>§ 60.692-1(a)<br>§ 60.692-3(a)(1)<br>§ 60.692-3(a)(2)<br>§ 60.692-3(a)(3)<br>§ 60.692-3(a)(5)<br>§ 60.692-3(b)<br>§ 60.692-3(e)<br>§ 60.692-5(b)<br>§ 60.692-5(d)<br>[G]§ 60.692-5(e) | Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications: | § 60.692-3(a)(4)<br>§ 60.695(a)<br>§ 60.695(a)(3)<br>§ 60.695(a)(3)(ii)<br>§ 60.696(a)<br>[G]§ 60.696(b) | § 60.695(a)(3)<br>§ 60.697(a)<br>§ 60.697(c)<br>§ 60.697(d)<br>[G]§ 60.697(e)<br>§ 60.697(f)(1)<br>[G]§ 60.697(f)(2)<br>§ 60.697(f)(3)<br>§ 60.697(f)(3)(i)<br>§ 60.697(f)(3)(ii)<br>§ 60.697(f)(3)(iii) | § 60.698(b)(1)<br>§ 60.698(d)<br>§ 60.698(d)(3)<br>§ 60.698(d)(3)(ii)<br>§ 60.698(e) |

# Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | § 60.692-6(a)<br>§ 60.692-6(b)<br>§ 60.692-7(b) | | | § 60.697(f)(3)(iv)<br>§ 60.697(f)(3)(v)<br>§ 60.697(f)(3)(vi)<br>§ 60.697(f)(3)(vii)<br>§ 60.697(f)(3)(x)<br>§ 60.697(f)(3)(x)(B) | |
| WWS-EP | EU | 60FF-a | BENZENE | 40 CFR Part 61, Subpart FF | § 61.347(a)(1)<br>§ 61.347(a)(1)(i)(A)<br>§ 61.347(a)(1)(i)(B)<br>§ 61.347(b)<br>§ 61.347(c)<br>§ 61.349(a)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(ii)<br>§ 61.349(a)(1)(ii)(A)<br>§ 61.349(a)(1)(iii)<br>§ 61.349(a)(1)(iv)<br>§ 61.349(a)(2)(ii)<br>§ 61.349(b)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.349(g) | Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device. | § 61.347(a)(1)(i)(A)<br>§ 61.347(b)<br>§ 61.349(a)(1)(i)<br>§ 61.349(a)(1)(ii)<br>§ 61.349(e)<br>§ 61.349(f)<br>§ 61.354(f)(2)<br>[G]§ 61.355(h) | § 61.349(a)(1)(ii)<br>§ 61.356(d)<br>§ 61.356(f)<br>§ 61.356(f)(1)<br>§ 61.356(f)(2)<br>§ 61.356(f)(2)(i)<br>§ 61.356(f)(2)(i)(G)<br>§ 61.356(g)<br>§ 61.356(h)<br>§ 61.356(j)<br>§ 61.356(j)(1)<br>§ 61.356(j)(10)<br>§ 61.356(j)(2)<br>§ 61.356(j)(3)<br>§ 61.356(j)(3)(ii) | None |

## Additional Monitoring Requirements

**Compliance Assurance Monitoring Summary ..... 405**

**Periodic Monitoring Summary..... 409**

## CAM Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SRU1 | |
| Control Device ID No.: SRU1-INCIN | Control Device Type: Sulfur Recovery Unit with Incinerator |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 112, Sulfur Compounds | SOP Index No.: REG2 |
| Pollutant: SO2 | Main Standard: § 112.7(a) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: The minimum combustion temperature is 1457.2 degrees F. | |
| CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:<br>± 2% of reading; or<br>± 2.5 degrees Celsius. | |

## CAM Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SRU1 | |
| Control Device ID No.: SRU1-INCIN | Control Device Type: Sulfur Recovery Unit with Incinerator |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 112, Sulfur Compounds | SOP Index No.: REG2 |
| Pollutant: SO2 | Main Standard: § 112.7(a) |
| **Monitoring Information** | |
| Indicator: SO2 Mass Emissions in Pounds per Hour | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: The maximum SO2 mass emissions is 1,568.8 lbs/hr. | |
| CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the mass emissions rate of sulfur dioxide expressed in pounds per hour in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the Performance Specifications of 40 CFR Part 60, Appendix B. | |

## CAM Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SRU2 | |
| Control Device ID No.: SRU2-INCIN | Control Device Type: Sulfur Recovery Unit with Incinerator |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 112, Sulfur Compounds | SOP Index No.: REG2 |
| Pollutant: SO2 | Main Standard: § 112.7(a) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: The minimum combustion temperature is 1491.7 degrees F. | |
| CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:<br>± 2% of reading; or<br>± 2.5 degrees Celsius. | |

## CAM Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SRU2 | |
| Control Device ID No.: SRU2-INCIN | Control Device Type: Sulfur Recovery Unit with Incinerator |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 112, Sulfur Compounds | SOP Index No.: REG2 |
| Pollutant: SO2 | Main Standard: § 112.7(a) |
| **Monitoring Information** | |
| Indicator: SO2 Mass Emissions in Pounds per Hour | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: The maximum SO2 mass emissions is 1,237.6 lbs/hr. | |
| CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the mass emissions rate of sulfur dioxide expressed in pounds per hour in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the Performance Specifications of 40 CFR Part 60, Appendix B. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 116T202VNT | |
| Control Device ID No.: Q3-H-4 | Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121 |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Period of Operation | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: All periods that are not recorded. | |
| Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 116T202VNT | |
| Control Device ID No.: 2REFSPLCHL | Control Device Type: Condenser System (Chiller) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121 |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Exhaust Gas Temperature | |
| Minimum Frequency: once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: The exhaust gas temperature at the outlet to the condenser is greater than 96 F. | |
| Periodic Monitoring Text: Measure and record the outlet exhaust gas temperature from the condenser system. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 130-PSA OG | |
| Control Device ID No.: SMR2 | Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121 |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Period of Operation | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: All periods that are not recorded shall be considered and reported as a deviation. | |
| Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 130-V-08 | |
| Control Device ID No.: SMR2 | Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121 |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Period of Operation | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: All periods that are not recorded shall be considered and reported as a deviation. | |
| Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 154T010VNT | |
| Control Device ID No.: QL-10 | Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121 |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Period of Operation | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: All periods that are not recorded. | |
| Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 154T010VNT | |
| Control Device ID No.: 4PLTSPLCHL | Control Device Type: Condenser System (Chiller) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121 |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Exhaust Gas Temperature | |
| Minimum Frequency: once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: The exhaust gas temperature at the outlet to the condenser is greater than 96 F. | |
| Periodic Monitoring Text: Measure and record the outlet exhaust gas temperature from the condenser system. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 194-TK-65 | |
| Control Device ID No.: 194L012 | Control Device Type: Carbon Adsorption System (Non-Regenerative) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Water Separation | SOP Index No.: R5131 |
| Pollutant: VOC | Main Standard: § 115.132(b)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Quarterly | |
| Averaging Period: n/a* | |
| Deviation Limit: Maximum VOC deviation limit of 500 ppmv for interface other than a seal around a shaft that passes through cover opening and a maximum VOC deviation limit of 10,000 ppmv for a seal around a shaft that passes through a cover opening. | |
| Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration around the immediate area of the compartment in accordance with 40 CFR Part 60, Appendix A, Method 21. Each potential leak interface (i.e., a location where organic vapor leakage could occur) on the cover and associated closure devices shall be checked. Potential leak interfaces that are associated with covers and closure devices include, but are not limited to: the interface of the cover and its foundation mounting; the periphery of any opening on the cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure relief valve. The owner or operator may choose to adjust the detection instrument readings for the background organic concentration level.<br><br>The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures.<br><br>Any monitoring data greater than the maximum VOC limit indicated in the Deviation Limit above shall be considered and reported as a deviation as required by § 122.145(2). | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 194-TK-74 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-b |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 194-TK-74 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-c |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 194-TK-85 | |
| Control Device ID No.: 194L012 | Control Device Type: Carbon Adsorption System (Non-Regenerative) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Water Separation | SOP Index No.: R5131 |
| Pollutant: VOC | Main Standard: § 115.132(b)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Quarterly | |
| Averaging Period: n/a* | |
| Deviation Limit: Maximum VOC deviation limit of 500 ppmv for interface other than a seal around a shaft that passes through cover opening and a maximum VOC deviation limit of 10,000 ppmv for a seal around a shaft that passes through a cover opening. | |
| Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration around the immediate area of the compartment in accordance with 40 CFR Part 60, Appendix A, Method 21. Each potential leak interface (i.e., a location where organic vapor leakage could occur) on the cover and associated closure devices shall be checked. Potential leak interfaces that are associated with covers and closure devices include, but are not limited to: the interface of the cover and its foundation mounting; the periphery of any opening on the cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure relief valve. The owner or operator may choose to adjust the detection instrument readings for the background organic concentration level.<br><br>The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures.<br><br>Any monitoring data greater than the maximum VOC limit indicated in the Deviation Limit above shall be considered and reported as a deviation as required by § 122.145(2). | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 43-TK-2 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 61FF-1TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 8-TK-1 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: TAC115-1TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: BTX1-V1 | |
| Control Device ID No.: EP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63G-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: COKER1-V2 | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: COKER1-V6 | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: EPSULF-V3 | |
| Control Device ID No.: EP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-2PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GOT1-V1 | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SWS2-V1 | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring which indicates the lack of a pilot flame shall be considered and reported as a deviation when vent is routed to the flare, WP FLARE1, for vapor control. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: VAC4-V1 | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring which indicates the lack of a pilot flame shall be considered and reported as a deviation when vent is routed to the flare, WP FLARE1, for vapor control. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP11TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-7TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP11TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 63CC-7TK |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1AVENTS | |
| Control Device ID No.: REF2-FL1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1BVENTS | |
| Control Device ID No.: REF2-FL1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1CVENTS | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1DVENTS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1EVENTS | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1FVENTS | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1HVENTS | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-2PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1KVENTS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1LVENTS | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP1TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, seals are detached, or if there are holes/tears in the seal fabric shall be considered & reported as a deviation | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP2BTANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-4TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP2BVENTS | |
| Control Device ID No.: REF2-FL1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-2PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP3CTANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 63CC-3TK |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: External Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP3TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63G-3TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP3TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 63G-3TK |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP4ATANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63G-3TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP4TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-2TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP4TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 63CC-2TK |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: GRP6TANKS | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 63CC-4TK |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: External Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: LEUMER-V1 | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63CC-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: QBTX-V1 | |
| Control Device ID No.: REF2-FL1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: 63G-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SMR-V3 | |
| Control Device ID No.: WP FLARE1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-1PV |
| Pollutant: VOC | Main Standard: § 115.121(b) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SRU1-FLARE | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: OPACITY | Main Standard: § 111.111(a)(1)(B) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a | |
| Deviation Limit: Any visible emissions observed on a weekly basis or a Test Method 9 can be performed as soon as practicable within 24 hours of observation with the opacity limit not to exceed 20% averaged over a 6 minute period. | |
| Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.<br><br>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.<br><br>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SRU2-FLARE | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: OPACITY | Main Standard: § 111.111(a)(1)(B) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a | |
| Deviation Limit: Any visible emissions observed on a weekly basis or a Test Method 9 can be performed as soon as practicable within 24 hours of observation with the opacity limit not to exceed 20% averaged over a 6 minute period. | |
| Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.<br><br>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.<br><br>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SWS1-T3 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: TAC115-2TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: SWS-FLARE | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: OPACITY | Main Standard: § 111.111(a)(1)(B) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a | |
| Deviation Limit: Any visible emissions observed on a weekly basis or a Test Method 9 can be performed as soon as practicable within 24 hours of observation with the opacity limit not to exceed 20% averaged over a 6 minute period. | |
| Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.<br><br>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.<br><br>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-100 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-b |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-100 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-c |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-100 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 60K-b |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-100 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 60K-c |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-102 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-10TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-108 | |
| Control Device ID No.: TO-2 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-3TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 F | |
| Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-109 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, seals are detached, or if there are holes/tears in the seal fabric shall be considered & reported as a deviation | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-128 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-2TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-146 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-4TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, seals are detached, or if there are holes/tears in the seal fabric shall be considered & reported as a deviation | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-152 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-4TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-201 | |
| Control Device ID No.: TO-2 | Control Device Type: Vapor Combustor |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-b |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1460 degrees F. | |
| Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-201 | |
| Control Device ID No.: TO-2 | Control Device Type: Vapor Combustor |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-c |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1460 degrees F. | |
| Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-201 | |
| Control Device ID No.: TO2 | Control Device Type: Vapor Combustor |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60KB-e |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Any monitoring data collected at minimum frequency of once per week which is below the minimum limit of 1460 degrees F shall be considered and reported as a deviation. | |
| Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-202 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63G-3TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, seals are detached, or if there are holes/tears in the seal fabric shall be considered & reported as a deviation | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-206 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-b |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-206 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-c |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-208 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-4TK1 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-212 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-213 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-331 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 63CC-6TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, seals are detached, or if there are holes/tears in the seal fabric shall be considered & reported as a deviation | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-333 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-356 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 63G-2TK |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: External Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, seals are detached, or there are holes or tears in the seal fabric shall be considered & reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-85 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart K | SOP Index No.: 63CC-6TK |
| Pollutant: VOC | Main Standard: § 60.112(a)(1) |
| **Monitoring Information** | |
| Indicator: External Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: TK-9 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: 61FF-2TK |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| **Monitoring Information** | |
| Indicator: Internal Floating Roof | |
| Minimum Frequency: annually | |
| Averaging Period: n/a | |
| Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation. | |
| Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation. | |

## Periodic Monitoring Summary

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: WWS-EP | |
| Control Device ID No.: 192-02 | Control Device Type: Carbon Adsorption System (Non-Regenerative) |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Water Separation | SOP Index No.: R5131 |
| Pollutant: VOC | Main Standard: § 115.132(b)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Quarterly | |
| Averaging Period: n/a* | |
| Deviation Limit: Maximum VOC deviation limit of 500 ppmv for interface other than a seal around a shaft that passes through cover opening and a maximum VOC deviation limit of 10,000 ppmv for a seal around a shaft that passes through a cover opening. | |
| Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration around the immediate area of the compartment in accordance with 40 CFR Part 60, Appendix A, Method 21. Each potential leak interface (i.e., a location where organic vapor leakage could occur) on the cover and associated closure devices shall be checked. Potential leak interfaces that are associated with covers and closure devices include, but are not limited to: the interface of the cover and its foundation mounting; the periphery of any opening on the cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure relief valve. The owner or operator may choose to adjust the detection instrument readings for the background organic concentration level.<br><br>The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures.<br><br>Any monitoring data greater than the maximum VOC limit indicated in the Deviation Limit above shall be considered and reported as a deviation as required by § 122.145(2). | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

## Permit Shield

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## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| GRP1ABOIL | B-4, B-5 | 40 CFR Part 60, Subpart D | Boilers do not have a heat input of greater than 250 MMBtu/hr. |
| GRP1ABOIL | B-4, B-5 | 40 CFR Part 60, Subpart Db | Boiler was constructed prior to June 19, 1984. |
| GRP1ABOIL | B-4, B-5 | 40 CFR Part 60, Subpart Dc | Boiler was constructed prior to June 9, 1989. |
| GRP1BBOIL | EP-B-1, EP-B-2, EP-B-5 | 40 CFR Part 60, Subpart D | This boiler is a fossil fuel fired steam generating unit constructed prior to August 17, 1971. |
| LEUMER-V1 | N/A | 40 CFR Part 63, Subpart G | Unit is not a chemical manufacturing process unit. |
| SMR-V3 | N/A | 40 CFR Part 63, Subpart CC | Unit does not have equipment that contains or emits table 1 hazardous air pollutants. |
| SRU1-FLARE | N/A | 40 CFR Part 60, Subpart A | Flare is not used as control device for a source subject to part 60. |
| SRU2-FLARE | N/A | 40 CFR Part 60, Subpart A | Flare is not used as control device for a source subject to part 60. |
| SWS-FLARE | N/A | 40 CFR Part 60, Subpart A | Flare is not used as control device for a source subject to part 60. |
| BLRHSE-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed before January 4, 1983. |
| BLRHSE-FE | N/A | 40 CFR Part 63, Subpart H | Unit does not contain any equipment in HAP service. |
| EP-FLR-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed before January 4, 1983. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| GRP1FUG | TKFMEPN-FE, TRUCKRK-FE | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed prior to January 4, 1983. |
| GRP1FUG | TKFMEPN-FE, TRUCKRK-FE | 40 CFR Part 60, Subpart VV | These facilities do not produce one or more of the chemicals listed in §60.489. |
| GRPA1FUG | CRUVAC4-FE, DIST1-FE, KERO1-FE, LEU2-FE, MEROXWP-FE, REF4-FE | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |
| GRPA2FUG | ALKY1-FE, FCCU1-FE | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |
| GRPA3FUG | DEOCT-FE, QHDS2-FE, QNAPSPL-FE, QREF2-FE | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed before January 4, 1983. |
| GRPC1FUG | BTX1-FE, HDA2-FE, ISOMHDS-FE, LEF1-FE, MTBETWR-FE, REF1-FE | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |
| GRPD1FUG | AVGAS-FE, ISOMSTA -FE, LEF2-FE, RAFF2-FE | 40 CFR Part 63, Subpart H | These units do not contain any equipment that operates in MACT H HAP service. |
| GRPE1FUG | SRU1-FE, SRU2-FE | 40 CFR Part 63, Subpart CC | Unit does not contain any equipment that operates in MACT CC HAP service. |
| GRPF1FUG | LEU1-FE, NONENE1-FE | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |
| HCU-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from refinery processing equipment that was constructed before January 4, 1983. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| HCU-FLR-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed before January 4, 1983. |
| ISOMDIP-FE | N/A | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |
| ISOMDIP-FE | N/A | 40 CFR Part 63, Subpart H | This unit does not contain any equipment that operates in MACT H HAP service. |
| QSULFO-FE | N/A | 40 CFR Part 60, Subpart GGG | These are fugitive emissions from sources that were constructed before January 4, 1983. |
| REF2-FLR-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed before January 4, 1983. |
| REF2-FLR-FE | N/A | 40 CFR Part 60, Subpart VV | These fugitive emissions are from equipment constructed before January 5, 1981. |
| SMR2-FE | N/A | 40 CFR Part 60, Subpart VV | Does not produce listed chemical. |
| SMR2-FE | N/A | 40 CFR Part 63, Subpart CC | No HAPS. |
| SMR2-FE | N/A | 40 CFR Part 63, Subpart H | Not subject because not associated with SOCMI unit & no HAPS. |
| SMR-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment that is not part of petroleum refinery equipment. |
| SMR-FE | N/A | 40 CFR Part 63, Subpart CC | These fugitive emissions are from equipment that is not part of petroleum refinery equipment. |
| SULFO1-FE | N/A | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| SWS1-FE | N/A | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |
| SWS1-FE | N/A | 40 CFR Part 63, Subpart CC | Unit does not contain any equipment that operates in MACT CC HAP service. |
| SWS2-FE | N/A | 40 CFR Part 60, Subpart GGG | Unit was constructed prior to January 4, 1983. |
| TETRAMR-FE | N/A | 40 CFR Part 63, Subpart H | This unit does not contain any equipment that operates in MACT H HAP service. |
| TKFMEPS-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed prior to January 4, 1983. |
| TKFMEPS-FE | N/A | 40 CFR Part 60, Subpart VV | These fugitive emissions are from equipment constructed prior to January 5, 1981. |
| TKFMQPN-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed prior to January 4, 1983. |
| TKFMQPN-FE | N/A | 40 CFR Part 60, Subpart VV | These fugitive emissions are from equipment constructed prior to January 5, 1981. |
| TKFMQPN-FE | N/A | 40 CFR Part 61, Subpart J | Fugitive unit complies with MACT H. |
| TKFMQPN-FE | N/A | 40 CFR Part 61, Subpart V | Fugitive unit complies with MACT H. |
| TKFMWP-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed prior to January 4, 1983. |
| WP-FLR-FE | N/A | 40 CFR Part 60, Subpart GGG | These fugitive emissions are from equipment constructed before January 4, 1983. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| WP-FLR-FE | N/A | 40 CFR Part 60, Subpart VV | This unit does not contain any equipment associated with a SOCMI Unit. |
| WP-FLR-FE | N/A | 40 CFR Part 63, Subpart H | Unit does not contain any equipment in HAP service. |
| 84-CT2 | N/A | 40 CFR Part 63, Subpart Q | This is an existing industrial process cooling tower that has not operated with chromium-based water treatment chemicals on or after September 8, 1994. |
| 88-CT-7 | N/A | 40 CFR Part 63, Subpart Q | This is an existing industrial process cooling tower that has not operated with chromium-based water treatment chemicals on or after September 8, 1994. |
| GRP1COOL | 83-CT1, 87-CT6 | 40 CFR Part 63, Subpart Q | This is an existing industrial process cooling tower that has not operated with chromium-based water treatment chemicals on or after September 8, 1994. |
| Q-CT4 | N/A | 40 CFR Part 63, Subpart F | This is a cooling tower that does not provide water to a chemical manufacturing process unit. |
| Q-CT4 | N/A | 40 CFR Part 63, Subpart Q | This is an existing industrial process cooling tower that has not operated with chromium-based water treatment chemicals on or after September 8, 1994. |
| Q-CT5 | N/A | 40 CFR Part 63, Subpart F | This is a cooling tower that does not provide water to a chemical manufacturing process unit. |
| Q-CT5 | N/A | 40 CFR Part 63, Subpart Q | This is an existing industrial process cooling tower that has not operated with chromium-based water treatment chemicals on or after September 8, 1994. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| Q-CT8 | N/A | 40 CFR Part 63, Subpart Q | This is an existing industrial process cooling tower that has not operated with chromium-based water treatment chemicals on or after September 8, 1994. |
| PD-11 | N/A | 30 TAC Chapter 115, Loading and Unloading of VOC | Marine loading in Nueces County is exempt. |
| PD-3 | N/A | 30 TAC Chapter 115, Loading and Unloading of VOC | Marine loading in Nueces County is exempt. |
| PD-4 | N/A | 30 TAC Chapter 115, Loading and Unloading of VOC | Marine loading in Nueces County is exempt. |
| PD-6 | N/A | 30 TAC Chapter 115, Loading and Unloading of VOC | Marine loading in Nueces County is exempt. |
| PD-7 | N/A | 30 TAC Chapter 115, Loading and Unloading of VOC | Marine loading in Nueces County is exempt. |
| PSWCS-2 | N/A | 40 CFR Part 60, Subpart QQQ | This wastewater component was constructed before May 4, 1987. |
| PSWCS-3 | N/A | 40 CFR Part 60, Subpart QQQ | This wastewater component was constructed before May 4, 1987. |
| 175-TK-001 | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| 175-TK-001 | N/A | 40 CFR Part 60, Subpart Kb | Storage tank has a capacity less than 40 cubic meters. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| 175-TK-004 | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| 29-TK-101 | N/A | 40 CFR Part 63, Subpart CC | The material in this tank does not contain a listed HAP. |
| 8-TK-1 | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity < 10,000 gallons. |
| 8-TK-1 | N/A | 40 CFR Part 63, Subpart CC | Not a MACT CC storage vessel since tank capacity < 10,000 gallons. |
| GRP1ATANKS | TK-210, TK-211 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP1ATANKS | TK-210, TK-211 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP1ATANKS | TK-210, TK-211 | 40 CFR Part 63, Subpart CC | MACT CC does not apply to tanks subject to HON Subpart G. |
| GRP1BTANKS | TK-15, TK-17, TK-54, TK-55, TK-70, TK-71, TK-74, TK-80, TK-83, TK-86 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP1BTANKS | TK-15, TK-17, TK-54, TK-55, TK-70, TK-71, TK-74, TK-80, TK-83, TK-86 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP1CTANKS | TK-94, TK-95 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP1CTANKS | TK-94, TK-95 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| GRP1PMATKS | 175-TK-002, 175-TK-003 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP1PMATKS | 175-TK-002, 175-TK-003 | 40 CFR Part 60, Subpart Kb | Storage tanks store a material with a true vapor pressure less than 3.5 kPa (0.5 psia). |
| GRP2ATANKS | TK-142, TK-207 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP2ATANKS | TK-142, TK-207 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP2ATANKS | TK-142, TK-207 | 40 CFR Part 63, Subpart CC | MACT CC does not apply to tanks subject to HON Subpart G. |
| GRP2BTANKS | TK-72, TK-73, TK-75, TK-79 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP2CTANKS | TK-93, TK-96 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP2TANKS | TK-350, TK-353 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP2TANKS | TK-350, TK-353 | 40 CFR Part 60, Subpart K | RVP and max TVP < 1 psia. |
| GRP3A1TANK | TK-103, TK-104, TK-215 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP3A1TANK | TK-103, TK-104, TK-215 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP3ATANKS | TK-113, TK-114, TK-115, TK-116, TK-147, TK-203, TK-204 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| GRP3ATANKS | TK-113, TK-114, TK-115, TK-116, TK-147, TK-203, TK-204 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP3BTANKS | TK-57, TK-58, TK-82, TK-84, TK-91, TK-92 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP3TANKS | TK-323, TK-324 | 40 CFR Part 61, Subpart Y | Tanks comply with MACT G. |
| GRP4ATANKS | TK-111, TK-112 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP4ATANKS | TK-111, TK-112 | 40 CFR Part 61, Subpart Y | Tanks comply with MACT G. |
| GRP4ATANKS | TK-111, TK-112 | 40 CFR Part 63, Subpart CC | MACT CC does not apply to tanks subject to HON Subpart G. |
| GRP4BTANKS | TK-88, TK-90 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP4BTANKS | TK-88, TK-90 | 40 CFR Part 63, Subpart CC | These tanks are complying with the requirements of NSPS K. |
| GRP5BTANKS | TK-47, TK-48 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP5BTANKS | TK-47, TK-48 | 40 CFR Part 63, Subpart CC | These tanks are complying with the requirements of NSPS Kb. |
| GRP5TANKS | TK-359, TK-360 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP5TANKS | TK-359, TK-360 | 40 CFR Part 60, Subpart K | RVP and max TVP < 1 psia. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| GRP6BTANKS | TK-20, TK-21, TK-22, TK-50, TK-52, TK-53, TK-89 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP6BTANKS | TK-20, TK-21, TK-22, TK-50, TK-52, TK-53, TK-89 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP7ATANKS | TK-151 | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| GRP7TANKS | TK-334, TK-335 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP7TANKS | TK-334, TK-335 | 40 CFR Part 60, Subpart Ka | RVP and max TVP < 1 psia. |
| GRP9ATANKS | TK-118, TK-7 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP9ATANKS | TK-118, TK-7 | 40 CFR Part 60, Subpart Ka | The reid vapor pressure and true vapor pressure are less than 1 psia. |
| GRP9TANKS | TK-310, TK-311, TK-312 | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| GRP9TANKS | TK-310, TK-311, TK-312 | 40 CFR Part 60, Subpart K | Tanks constructed in 1975 and capacities <40,000 gallons. |
| SWS1-T3 | N/A | 40 CFR Part 63, Subpart CC | The material in this tank does not contain a listed HAP. |
| TK-108 | N/A | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| TK-109 | N/A | 40 CFR Part 60, Subpart K | This wastewater component stores a liquid other than petroleum liquid. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| TK-109 | N/A | 40 CFR Part 61, Subpart Y | This wastewater component does not store benzene within the specified specific gravity. |
| TK-109 | N/A | 40 CFR Part 63, Subpart CC | This wastewater component does not treat or store Group 1 wastewater. |
| TK-109 | N/A | 40 CFR Part 63, Subpart OO | This wastewater component is not subject to another subpart in 40 CFR 60, 61, or 63 that references this subpart for control. |
| TK-128 | N/A | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| TK-138 | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| TK-138 | N/A | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| TK-14 | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage tank stores material with a true vapor pressure less than 1.5 psia. |
| TK-14 | N/A | 40 CFR Part 60, Subpart Ka | The reid vapor pressure and true vapor pressure are less than 1 psia. |
| TK-146 | N/A | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| TK-152 | N/A | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| TK-202 | N/A | 40 CFR Part 60, Subpart K | These tanks were constructed prior to June 11, 1973. |
| TK-202 | N/A | 40 CFR Part 61, Subpart Y | Tanks comply with MACT G. |

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|---|---|---|---|
| ID No. | Group/Inclusive Units | | |
| TK-202 | N/A | 40 CFR Part 63, Subpart CC | MACT CC does not apply to tanks subject to HON Subpart G. |
| TK-205 | N/A | 40 CFR Part 60, Subpart K | Tank was constructed prior to June 11, 1973. |
| TK-205 | N/A | 40 CFR Part 63, Subpart CC | MACT CC does not apply to tanks subject to HON Subpart G. |
| TK-208 | N/A | 40 CFR Part 60, Subpart K | Tank was constructed prior to June 11, 1973. |
| TK-212 | N/A | 40 CFR Part 60, Subpart K | Tank was constructed prior to June 11, 1973. |
| TK-213 | N/A | 40 CFR Part 60, Subpart K | Tank was constructed prior to June 11, 1973. |
| TK-85 | N/A | 40 CFR Part 63, Subpart CC | MACT CC does not apply to tanks subject to HON Subpart G. |
| WWS-EP | N/A | 40 CFR Part 63, Subpart CC | This wastewater component does not treat or store Group 1 wastewater. |

## New Source Review Authorization References

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New Source Review Authorization References by Emission Unit..... 496

## New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| **Prevention of Significant Deterioration (PSD) Permits** | |
|---|---|
| PSD Permit No.: PSDTX1023M2 | Issuance Date: 05/22/2014 |
| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
| Authorization No.: 107521 | Issuance Date: 02/08/2013 |
| Authorization No.: 114571 | Issuance Date: 11/14/2013 |
| Authorization No.: 120625 | Issuance Date: 10/06/2014 |
| Authorization No.: 2937 | Issuance Date: 05/22/2014 |
| Authorization No.: 87486 | Issuance Date: 02/24/2009 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.122 | Version No./Date: 09/04/2000 |
| Number: 106.183 | Version No./Date: 09/04/2000 |
| Number: 106.261 | Version No./Date: 11/01/2003 |
| Number: 106.262 | Version No./Date: 12/24/1998 |
| Number: 106.262 | Version No./Date: 11/01/2003 |
| Number: 106.263 | Version No./Date: 09/04/2000 |
| Number: 106.472 | Version No./Date: 09/04/2000 |
| Number: 106.478 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |
| Number: 106.512 | Version No./Date: 06/13/2001 |
| Number: 106.532 | Version No./Date: 03/14/1997 |
| Number: 106.532 | Version No./Date: 09/04/2000 |
| Number: 106.533 | Version No./Date: 03/14/1997 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| 116T202VNT | UNIT 116 REFORMATE SPLITTER VENT | 2937, PSDTX1023M2 |
| 130-PSA OG | PSA OFF GAS VENT | 2937, PSDTX1023M2 |
| 130-V-08 | SMR UNIT DEGASIFIER VENT KNOCKOUT DRUM | 2937, PSDTX1023M2 |
| 131-P62-EN | DIESEL ENGINE DRIVER FOR FIRE WATER PUMP | 106.511/09/04/2000 |
| 131-P64-EN | DIESEL ENGINE DRIVER FOR ELECTRIC GENERATOR | 106.511/09/04/2000 |
| 131-P71-EN | DIESEL ENGINE DRIVER FOR FIRE WATER PUMP | 106.511/09/04/2000 |
| 131-P72-EN | DIESEL ENGINE DRIVER FOR FIRE WATER PUMP | 106.511/09/04/2000 |
| 131-P74-EN | DIESEL ENGINE DRIVER FOR FIRE WATER PUMP | 106.511/09/04/2000 |
| 131-P87-EN | DIESEL ENGINE DRIVER FOR FIRE WATER PUMP | 106.511/09/04/2000 |
| 137-H-3 | KEROSENE HDS FRACTIONATOR | 106.183/09/04/2000 |
| 148-H-01 | #2 DHT CHARGE HEATER | 2937, PSDTX1023M2 |
| 148-H-02 | #2 DHT REBOILER HEATER | 2937, PSDTX1023M2 |
| 154T010VNT | UNIT 154 REFORMATE SPLITTER VENT | 2937, PSDTX1023M2 |
| 16-COMP1 | #2 REFORMER RECYCLE IC RECIP. COMPRESSOR | 2937, PSDTX1023M2 |
| 16-COMP2 | #2 REFORMER RECYCLE IC RECIP. COMPRESSOR | 2937, PSDTX1023M2 |
| 16-COMP3 | #2 REFORMER RECYCLE IC RECIP. COMPRESSOR | 2937, PSDTX1023M2 |
| 16-COMP4 | #2 REFORMER RECYCLE IC RECIP. COMPRESSOR | 2937, PSDTX1023M2 |
| 175-TK-001 | PMA WETTING TANK | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| 175-TK-002 | PMA MIXING TANK NO. 1 | 2937, PSDTX1023M2 |
| 175-TK-003 | PMA MIXING TANK NO. 2 | 2937, PSDTX1023M2 |
| 175-TK-004 | PMA CROSSLINKER TANK | 2937, PSDTX1023M2 |
| 192G001-EN | DIESEL ENGINE DRIVER FOR ELECTRIC GENERATOR | 106.511/09/04/2000 |
| 194-TK-65 | TANK NO. 65 API SEPARATOR | 2937, PSDTX1023M2 |
| 194-TK-74 | 194 TANK NO. 74 | 106.532/03/14/1997 |
| 194-TK-85 | TANK NO. 85 API SEPARATOR | 2937, PSDTX1023M2 |
| 195-H-48BU | SRU #2 INCINERATOR BURNER | 2937, PSDTX1023M2 |
| 29-TK-101 | 29 TANK 101 | 2937, PSDTX1023M2 |
| 2REGENVENT | NO. 2 REFORMER REGEN VENT | 2937, PSDTX1023M2 |
| 37-H-1 | WP KEROSENE HDS CHARGE HEATER | 2937, PSDTX1023M2 |
| 37-H-2 | WP KEROSENE HDS FRACTIONATOR | 2937, PSDTX1023M2 |
| 39-H-1 | WP #4 HYDROBON CHARGE HEATER | 2937, PSDTX1023M2 |
| 39-H-2 | WP #4 HYDROBON STRIPPER REBOILER | 2937, PSDTX1023M2 |
| 39-H-7 | WP #4 REFORMER STABILIZER REBOILER | 2937, PSDTX1023M2 |
| 43-TK-2 | TANK 43-TK-2 | 2937, PSDTX1023M2 |
| 44-H-1 | GOT CHARGE HEATER | 2937, PSDTX1023M2 |
| 44-H-2 | GOT STABILIZER HEATER NO. 1 | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| 44-H-3 | GOT STABILIZER HEATER NO. 2 | 2937, PSDTX1023M2 |
| 65-G01-EN | DIESEL ENGINE DRIVER FOR ELECTRIC GENERATOR | 106.511/09/04/2000 |
| 67BD101GEN | DIESEL ENGINE DRIVER FOR ELECTRIC GENERATOR | 106.511/09/04/2000 |
| 69P135CEN | DIESEL ENGINE DRIVER FOR WATER PUMP | 106.511/09/04/2000 |
| 7-H-2 | WP DELAYED COKER CHARGE HEATER | 2937, PSDTX1023M2 |
| 83-CT1 | EP NORTHSIDE MAIN COOLING TOWER | 2937, PSDTX1023M2 |
| 84-CT2 | EP ALKY/NONENE COOLING TOWER | 2937, PSDTX1023M2 |
| 87-CT6 | EP SOUTHSIDE PRE-FRAC COOLING TOWER | 2937, PSDTX1023M2 |
| 88-CT-7 | WEST PLANT COOLING TOWER | 2937, PSDTX1023M2 |
| 8-H-3 | WEST PLANT #4 VACUUM CHARGE HEATER | 2937, PSDTX1023M2 |
| 8-H-4 | WEST PLANT #4 CRUDE HEATER | 2937, PSDTX1023M2 |
| 8-H-5 | WEST PLANT #4 VACUUM CHARGE HEATER | 2937, PSDTX1023M2 |
| 8-H-6 | WEST PLANT #4 CRUDE HEATER | 2937, PSDTX1023M2 |
| 8-TK-1 | TANK 8-TK-1 | 2937, PSDTX1023M2 |
| ALKY1-FE | EP HF ALKYLATION UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| ARU1-V1 | RICH DEA SURGE DRUM VENT FROM ARU1 | 2937, PSDTX1023M2 |
| ARU2-V1 | RICH DEA SURGE DRUM VENT FROM ARU2 | 2937, PSDTX1023M2 |
| ARU2-V2 | RICH DEA SURGE DRUM VENT FROM ARU2 | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| AVGAS-FE | EP AV GAS SPLITTER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| B-4 | QP WEST BOILER | 2937, PSDTX1023M2 |
| B-5 | QP EAST BOILER | 2937, PSDTX1023M2 |
| BLRHSE-FE | EP BOILER HOUSE FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| BTX1-FE | EP BTX UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| BTX1-V1 | EP BTX VENT GAS KNOCK OUT DRUM VENT | 2937, PSDTX1023M2 |
| COKER1-FE | WP DELAYED COKER UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| COKER1-V2 | DCU FEED DRUM VENT | 2937, PSDTX1023M2 |
| COKER1-V3 | DCU COMPRESSOR KNOCKOUT DRUM VENT | 2937, PSDTX1023M2 |
| COKER1-V4 | DCU CONDENSATE SLOP DRUM VENT | 2937, PSDTX1023M2 |
| COKER1-V5 | DCU FLUSHING OIL SURGE DRUM VENT | 2937, PSDTX1023M2 |
| COKER1-V6 | DCU BLOWDOWN PRODUCT SEPARATOR VENT | 2937, PSDTX1023M2 |
| CRU4-V1 | ATMOSPHERIC CRUDE OVERHEAD RECEIVER VENT | 2937, PSDTX1023M2 |
| CRUVAC4-FE | CRUDE/VACUUM UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| DEOCT-FE | #4 PLATFORMER SPLITTER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| DHDS-V1 | DIESEL HDS FEED SURGE DRUM VENT | 2937, PSDTX1023M2 |
| DHDS-V2 | DIESEL HDS SOUR WATER FLASH DRUM VENT | 2937, PSDTX1023M2 |
| DIST1-FE | WP DIESEL HDS UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| DIST2-FE | ULTRA LOW SULFUR DIESEL UNIT FUGITIVES | 2937, PSDTX1023M2 |
| DOCK11-FE | LOADING DOCK 11 FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| DOCK3-FE | LOADING DOCK 3 FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| DOCK4-FE | LOADING DOCK 4 FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| DOCK6-FE | LOADING DOCK 6 FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| DOCK7-FE | LOADING DOCK 7 FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| EP-B-1 | EP BOILER #1 | 2937, PSDTX1023M2 |
| EP-B-2 | EP BOILER #2 | 2937, PSDTX1023M2 |
| EP-B-5 | EP BOILER #5 | 2937, PSDTX1023M2 |
| EP-B-6 | BOILER NO. 6 | 114571 |
| EPB6FUG | BOILER NO. 6 FUGITIVES | 114571 |
| EP-FLARE1 | EP FLARE PILOTS | 2937, PSDTX1023M2 |
| EP-FLR-FE | EP FLARE FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| EPSULF-V3 | QP SULFOLANE STARTUP REGENATOR VACUUM VENTS | 2937, PSDTX1023M2 |
| FCCU1-FE | EP FCCU FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| GOT1-FE | GOT UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| GOT1-V1 | GOT FEED DRUM VENT | 2937, PSDTX1023M2 |
| HCU-FE | QP HYDROCRACKER UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| HCU-FL1 | HCU FLARE | 2937, PSDTX1023M2 |
| HCU-FLR-FE | HCU FLARE FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| HCU-V2 | HCU FEED SURGE DRUM VENT | 2937, PSDTX1023M2 |
| HCU-V3 | HCU FRACTIONATOR OVERHEAD RECEIVER VENT | 2937, PSDTX1023M2 |
| HDA2-FE | EP #2 HDA UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| H-TK-55 | FIRED HEATER AT TK-55 | 106.183/09/04/2000 |
| H-TK-71 | FIRED HEATER AT TK-71 | 106.183/09/04/2000 |
| H-TK-83 | FIRED HEATER AT TK-83 | 2937 |
| ISOMDIP-FE | EP ISOM DEISOPENTANIZER TOWER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| ISOM-FE | ISOM REACTOR FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| ISOMHDS-FE | PREMIUM RAFFINATE UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| ISOMSTA -FE | ISOM STABALIZER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| KERO1-FE | WP KEROSENE HDS UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| KHDS-V1 | KEROSENE HDS FEED SURGE DRUM VENT | 2937, PSDTX1023M2 |
| KHDS-V2 | DIESEL/KEROSENE FRACTIONATOR OVERHEAD LIQUID WATER | 2937, PSDTX1023M2 |
| LEF1-FE | EP XYLENE TOWER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| LEF2-FE | ISOM DEHEX TOWER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| LEU1-FE | EP #1 LIGHT ENDS UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| LEU2-FE | WP #2 LIGHT ENDS UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| LEUMER-V1 | MEROX FOUL AIR KNOCK OUT DRUM VENT | 2937, PSDTX1023M2 |
| MEROXWP-FE | WP FCC GASOLINE MEROX FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| MTBETWR-FE | EP MTBE FRACTIOTOR FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| NHDS-V1 | #2 NAPHTHA HDS PREFRACT OVERHEAD RECEIVER VENT | 2937, PSDTX1023M2 |
| NHDS-V2 | #2 NAPHTHA HDS MAKEUP COMPRESSOR SUCTION DRUM VENT | 2937, PSDTX1023M2 |
| NHDS-V3 | #2 REFORMER SPLITTER OVERHEAD RECEIVER VENT | 2937, PSDTX1023M2 |
| NONENE1-FE | EP NONENE UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| OCT-EM-EN4 | LABORATORY OCTANE EAST MOTOR ENGINE - #4 | 106.122/09/04/2000 |
| OCT-ER-EN5 | LABORATORY OCTANE EAST RESEARCH ENGINE - #5 | 106.122/09/04/2000 |
| OCT-WM-EN1 | LABORATORY OCTANE WEST MOTOR ENGINE - #1 | 106.122/09/04/2000 |
| OCT-WR-EN2 | LABORATORY OCTANE WEST RESEARCH ENGINE - #2 | 106.122/09/04/2000 |
| PD-11 | LOADING DOCK 11 | 2937, PSDTX1023M2 |
| PD-3 | LOADING DOCK 3 | 2937, PSDTX1023M2 |
| PD-4 | LOADING DOCK 4 | 2937, PSDTX1023M2 |
| PD-6 | LOADING DOCK 6 | 2937, PSDTX1023M2 |
| PD-7 | LOADING DOCK 7 | 2937, PSDTX1023M2 |
| PMA-FE | POLYMER MODIFIED ASPHALT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| PMA-LOAD | PMA LOADING EMISSIONS | 2937, PSDTX1023M2 |
| PMA-VENT | PMA SCRUBBER VENT | 2937, PSDTX1023M2 |
| PSWCS-2 | WP PROCESS SOUR WATER STREAMS COLLECTION SYSTEM | 2937, PSDTX1023M2 |
| PSWCS-3 | QP PROCESS SOUR WATER STREAMS COLLECTION SYSTEM | 2937, PSDTX1023M2 |
| Q10-H-1 | SMR HEATER | 2937, PSDTX1023M2 |
| Q11-H-3001 | HCU DEBUTANIZER REBOILER | 2937, PSDTX1023M2 |
| Q11-H-3002 | HCU FRACTIONATOR REBOILER | 2937, PSDTX1023M2 |
| Q11-H-301 | HCU REACTOR CHARGE HEATER | 2937, PSDTX1023M2 |
| Q3-H-1 | TBA HEATER | 2937, PSDTX1023M2 |
| Q3-H-3 | #2 NAPHTHA HDS HEATER | 2937, PSDTX1023M2 |
| Q3-H-4 | #2 NAPHTHA SPLITTER HEATER | 2937, PSDTX1023M2 |
| QBTX-FE | QP BTX FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| QBTX-V1 | QP BTX VENT DRUM VENT | 2937, PSDTX1023M2 |
| Q-CT4 | QP HYDROCRACKER COOLING TOWER | 2937, PSDTX1023M2 |
| Q-CT5 | QP #2 REFORMER COOLING TOWER | 2937, PSDTX1023M2 |
| Q-CT8 | QP TBA/SULFO/BTX COOLING TOWER | 2937, PSDTX1023M2 |
| QH-125 | #2 REFORMER HEATER | 2937, PSDTX1023M2 |
| QHDS2-FE | #2 HDS NAPHTHA HDS UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| QL-10 | #4 PLATFORMER SPLITTER HEATER | 2937, PSDTX1023M2 |
| QNAPSPL-FE | #2 REFORMATE SPLITTER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| QPSULF-V1 | QP SULFOLANE EXTRACTOR VENT GAS DRUM VENT | 2937, PSDTX1023M2 |
| QPSULF-V2 | QP SULFOLANE SOLVENT REGENERATOR VACUUM JETS | 2937, PSDTX1023M2 |
| QPSULF-V3 | QP SULFOLANE STARTUP VACUUM JETS | 2937, PSDTX1023M2 |
| QREF2-FE | #2 REFORMER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| QSULFO-FE | QP SULFOLANE FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| RAFF1-FE | EP #2 GASOLINE SPLITTER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| RAFF1-V1 | #1 GASOLINE SPLITTER OVERHEAD RECEIVER VENT | 2937, PSDTX1023M2 |
| RAFF2-FE | EP #1 GASOLINE SPLITTER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| RAFF2-V1 | #2 GASOLINE SPLITTER OVERHEAD RECEIVER VENT | 2937, PSDTX1023M2 |
| REF1-FE | EP MTBE UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| REF2-FL1 | #2 REFORMER FLARE | 2937, PSDTX1023M2 |
| REF2-FLR-FE | #2 REFORMER FLARE FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| REF4-FE | WP #4 HYDROBON AND REFORMER FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| REF4-V1 | HYDROBON PRODUCT SEPARATOR VENT | 2937, PSDTX1023M2 |
| REF4-V2 | #4 REFORMER PRODUCT SEPARATOR VENT | 2937, PSDTX1023M2 |
| REF4-V3 | #4 PLATFORMER SPLITTER OVERHEAD RECEIVER VENT | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| SMR2 | #2 SMR HEATER | 2937, PSDTX1023M2 |
| SMR2-FE | SMR UNIT FUGITIVES | 2937, PSDTX1023M2 |
| SMR-FE | QP HYDROGEN PRODUCTION FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| SMR-V3 | STEAM METHANE REFORMER FUEL GAS KNOCKOUT DRUM VENT | 2937, PSDTX1023M2 |
| SRU1-FE | WP SULFUR RECOVERY UNIT #1 FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| SRU1-FLARE | SRU #1 FLARE PILOTS | 2937, PSDTX1023M2 |
| SRU1 | SULFUR RECOVERY UNIT NO. 1 | 2937, PSDTX1023M2 |
| SRU2-FE | WP SULFUR RECOVERY UNIT #2 FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| SRU2-FLARE | SRU #2 FLARE PILOTS | 2937, PSDTX1023M2 |
| SRU2 | SULFUR RECOVERY UNIT NO. 2 | 2937, PSDTX1023M2 |
| SULFO1-FE | EP SULFOLANE UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| SWS1-FE | SOUR WATER STRIPPER FUGITIVE EMISSION | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| SWS1-T3 | TANK 3 | 2937 |
| SWS1-V2 | WP SWS #1 SURGE DRUM VENT | 2937, PSDTX1023M2 |
| SWS2-FE | WP BWS UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| SWS2-V1 | BWS OVHD RECEIVER VENT | 2937, PSDTX1023M2 |
| SWS-FLARE | SWS #1 FLARE | 2937, PSDTX1023M2 |
| TBA-FE | QP TBA UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| TETRAMR-FE | EP TETRAMER TOWER FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| TK-100 | TANK 100 | 2937, PSDTX1023M2 |
| TK-102 | TANK 102 | 2937 |
| TK-103 | TANK 103 | 2937 |
| TK-104 | TANK 104 | 2937 |
| TK-108 | TANK 108 | 2937 |
| TK-109 | WASTEWATER TANK | 2937, PSDTX1023M2 |
| TK-110 | TANK 110 | 2937 |
| TK-111 | TANK 111 | 2937 |
| TK-112 | TANK 112 | 2937 |
| TK-113 | TANK 113 | 2937 |
| TK-114 | TANK 114 | 2937 |
| TK-115 | TANK 115 | 2937 |
| TK-116 | TANK 116 | 2937 |
| TK-118 | TANK 118 | 2937 |
| TK-128 | TANK 128 | 2937 |
| TK-138 | TANK 138 | 2937 |
| TK-142 | TANK 142 | 2937 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| TK-146 | TANK 146 | 2937 |
| TK-147 | TANK 147 | 2937 |
| TK-14 | TANK 14 | 2937 |
| TK-151 | TANK 151 | 2937 |
| TK-152 | TANK 152 | 2937 |
| TK-153 | TANK 153 | 2937, 106.478/09/04/2000, PSDTX1023M2 |
| TK-15 | TANK 15 | 2937 |
| TK-17 | TANK 17 | 2937 |
| TK-201 | STORAGE TANK NO. 201 | 2937, PSDTX1023M2 |
| TK-202 | TANK 202 | 2937 |
| TK-203 | TANK 203 | 2937 |
| TK-204 | TANK 204 | 2937 |
| TK-205 | TANK 205 | 2937 |
| TK-206 | TANK 206 | 2937 |
| TK-207 | TANK 207 | 2937 |
| TK-208 | TANK 208 | 2937, PSDTX1023M2 |
| TK-20 | TANK 20 | 2937 |
| TK-210 | TANK 210 | 2937 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| TK-211 | TANK 211 | 2937 |
| TK-212 | TANK 212 | 2937, PSDTX1023M2 |
| TK-213 | TANK 213 | 2937, PSDTX1023M2 |
| TK-215 | TANK 215 | 2937 |
| TK-21 | TANK 21 | 2937 |
| TK-22 | TANK 22 | 2937 |
| TK-310 | TANK 310 | 2937 |
| TK-311 | TANK 311 | 2937 |
| TK-312 | TANK 312 | 2937 |
| TK-320 | TANK 320 | 2937 |
| TK-321 | TANK 321 | 2937 |
| TK-322 | TANK 322 | 2937 |
| TK-323 | TANK 323 | 2937 |
| TK-324 | TANK 324 | 2937 |
| TK-325 | TANK 325 | 2937 |
| TK-326 | TANK 326 | 2937 |
| TK-327 | TANK 327 | 2937 |
| TK-328 | TANK 328 | 2937 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| TK-329 | TANK 329 | 2937 |
| TK-330 | TANK 330 | 2937 |
| TK-331 | TANK 331 | 2937 |
| TK-333 | TANK 333 | 2937, 106.478/09/04/2000, PSDTX1023M2 |
| TK-334 | TANK 334 | 2937 |
| TK-335 | TANK 335 | 2937 |
| TK-336 | TANK 336 | 2937 |
| TK-350 | TANK 350 | 2937 |
| TK-351 | TANK 351 | 2937 |
| TK-352 | TANK 352 | 2937 |
| TK-353 | TANK 353 | 2937 |
| TK-355 | TANK 355 | 2937 |
| TK-356 | TANK 356 | 2937 |
| TK-357 | TANK 357 | 2937 |
| TK-358 | TANK 358 | 2937 |
| TK-359 | TANK 359 | 2937 |
| TK-360 | TANK 360 | 2937 |
| TK-370 | TANK 370 | 2937 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| TK-371 | TANK 371 | 2937 |
| TK-47 | TANK 47 | 2937 |
| TK-48 | TANK 48 | 2937 |
| TK-50 | TANK 50 | 2937 |
| TK-52 | TANK 52 | 2937 |
| TK-53 | TANK 53 | 2937 |
| TK-54 | TANK 54 | 2937 |
| TK-55 | TANK 55 | 2937, 106.472/09/04/2000 |
| TK-57 | TANK 57 | 2937 |
| TK-58 | TANK 58 | 2937 |
| TK-61 | TANK 61 | 106.478/09/04/2000 |
| TK-62 | TANK 62 | 106.478/09/04/2000 |
| TK-70 | TANK 70 | 2937 |
| TK-71 | TANK 71 | 2937 |
| TK-72 | TANK 72 | 2937 |
| TK-73 | TANK 73 | 2937 |
| TK-74 | TANK 74 | 2937 |
| TK-75 | TANK 75 | 2937 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| TK-77 | TANK 77 | 106.478/09/04/2000 |
| TK-79 | TANK 79 | 2937 |
| TK-7 | TANK 7 | 2937 |
| TK-80 | TANK 80 | 2937 |
| TK-82 | TANK 82 | 2937 |
| TK-83 | TANK 83 | 2937 |
| TK-84 | TANK 84 | 2937 |
| TK-85 | TANK 85 | 2937 |
| TK-86 | TANK 86 | 2937 |
| TK-88 | TANK 88 | 2937 |
| TK-89 | TANK 89 | 2937 |
| TK-90 | TANK 90 | 2937 |
| TK-91 | TANK 91 | 2937 |
| TK-92 | TANK 92 | 2937 |
| TK-93 | TANK 93 | 2937 |
| TK-94 | TANK 94 | 2937 |
| TK-95 | TANK 95 | 2937 |
| TK-96 | TANK 96 | 2937 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---|---|---|
| TK-97 | TANK 97 | 2937 |
| TK-98 | TANK 98 | 2937 |
| TK-99 | TANK 99 | 2937 |
| TK-9 | TANK 9 | 2937 |
| TKFMEPN-FE | FUGITIVE EMISSIONS EAST PLANT NORTH TANK FARM | 2937, 106.261/11/01/2003 |
| TKFMEPS-FE | FUGITIVE EMISSIONS EAST PLANT SO TANK FARM | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| TKFMQPN-FE | QUINTANA NORTH TANK FARM FUGITIVE EMISSIONS | 2937 |
| TKFMWP-FE | WEST PLANT TANK FARM FUGITIVE EMISSIONS | 2937, PSDTX1023M2, 106.261/11/01/2003 |
| TO-2 | THERMAL OXIDIZER TO-2 | 2937, PSDTX1023M2 |
| TRUCKRK-FE | FUGITIVE EMISSIONS EAST PLANT TRUCK LOADING RACK | 2937, PSDTX1023M2 |
| TT-RACK | EAST PLANT TRUCK LOADING RACK | 2937 |
| VAC4-V1 | VACUUM TOWER VENT JET | 2937, PSDTX1023M2 |
| VAC4-V2 | VAPOR RECOVERY COMPRESSOR WATER KO DRUM VENT | 2937, PSDTX1023M2 |
| VISBKR1-FE | EP VISBREAKER UNIT FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| WP FLARE1 | WP FLARE | 2937, PSDTX1023M2 |
| WP-FLR-FE | WEST PLANT FLARE FUGITIVE EMISSIONS | 2937, PSDTX1023M2 |
| WWS-EP | EP CPI SEPARATORS | 2937, PSDTX1023M2 |

## Schedules

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## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| B-5 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The emissions limits (lbs./hour) as well as the maximum allowable tons per year (TPY) emissions for NOx, SO2, PM, and VOC, and firing rates on an hourly basis for boiler, B-5 (EPN: B-5), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this boiler. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization of the NOx, SO2, PM and VOC emissions (lbs./hour) through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the NOx, SO2, PM and VOC emissions and increase firing rates for the boiler, B-5 (EPN: B-5), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

**A. Compliance Schedule**

**1. Specific Non-Compliance Situation**

| Unit/Group/ Process ID. No(s). | SOP Index No. | Pollutant | Applicable Requirement | |
|---|---|---|---|---|
| | | | Citation | Text Description |
| WP FLARE1, EP-FLARE1, REF2-FL1, HCU-FL1 | | SO2, CO, NOX | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

**2. Compliance Status Assessment Method and Records Location**

| Compliance Status Assessment Method | | Location of Records/Documentation |
|---|---|---|
| Citation | Text Description | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The SO2, CO, & NOx (lbs./hour) & CO (tons/yr) subcap emissions limits for flares, WP FLARE1 (EPN: WP-FLARE1), EP-FLARE1 (EPN: EP-FLARE1), REF2-FL1 (EPN: REF2-FL1), & HCU-FL1 (EPN: HCU-FL1), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit. The EPNs are included in NSR Permit No. 2937. The emissions rates were realized as incorrect after better information on the flow & composition of the inlet flare streams which was not available earlier prior to the inclusion of MSS.

**4. Corrective Action Plan Description**

Obtain proper authorization of SO2, CO, & NOx (lbs./hour) and CO (tons/yr) subcap emissions limits through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the SO2 & NOx hourly emissions (lbs./hour) for the flares, WP FLARE1 (EPN: WP-FLARE1), EP-FLARE1 (EPN: EP-FLARE1), REF2-FL1 (EPN: REF2-FL1), and HCU-FL1 (EPN: HCU-FL1), through a permit amendment, or permit renewal to the NSR Permit No. 2937 by the end of the fourth quarter of 2013. Note an NSR application has already been submitted for the CO annual emissions (tons/year). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| | |
|---|---|
| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |

## Compliance Schedule

**A. Compliance Schedule**

**1. Specific Non-Compliance Situation**

| Unit/Group/ Process ID. No(s). | SOP Index No. | Pollutant | Applicable Requirement | |
|---|---|---|---|---|
| | | | Citation | Text Description |
| 7-H-2 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

**2. Compliance Status Assessment Method and Records Location**

| Compliance Status Assessment Method | | Location of Records/Documentation |
|---|---|---|
| Citation | Text Description | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, and firing rates on an hourly basis for heater, 7-H-2 (EPN: 7-H-2), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937.

**4. Corrective Action Plan Description**

Obtain proper authorization of the NOx, SO2, PM, and VOC emissions (lbs./hour) as well as maximum allowable ton per year (TPY) emissions through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the NOx, SO2, PM, and VOC emissions and increase firing rates for the heater, 7-H-2 (EPN: 7-H-2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 8-H-4 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| **2. Compliance Status Assessment Method and Records Location** | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| **3. Non-compliance Situation Description** |
|---|
| The firing rates on an hourly basis for heater, 8-H-4 (Unit ID No. 8-H-4), affecting the emission limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| **4. Corrective Action Plan Description** |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| **5. List of Activities/Milestones to Implement the Corrective Action Plan** | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly and annual basis affecting NOx, SO2, PM, and VOC emissions for the heater, 8-H-4 (EPN: 8-H-4), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | **Type of Action** | **Date Submitted** |
|---|---|---|
| | N/A | |

| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 44-H-2 | | NOX, VOC, PM | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, VOC, and PM for heater, 44-H-2 (EPN: 44-H-2), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization of the NOx emissions (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, VOC, and PM through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the NOx, VOC, and PM emissions for the heater, 44-H-2 (EPN: 44-H-2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| Q11-H-3001 | | NOX, SO2,PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| **2. Compliance Status Assessment Method and Records Location** | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, and firing rates on an hourly and annual basis for heater, Q11-H-3001 (EPN: Q11-H-3001), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937.

**4. Corrective Action Plan Description**

Obtain proper authorization to increase heater firing rates on an hourly and annual basis affecting NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly and annual basis affecting NOx, SO2, PM, and VOC emissions for the heater, Q11-H-3001 (EPN: Q11-H-3001), through a permit amendment, or permit renewal to the NSR Permit No. 2937 ( amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | **Type of Action** | **Date Submitted** |
|---|---|---|
| | N/A | |

| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |
|---|---|

# Compliance Schedule

## A. Compliance Schedule

### 1. Specific Non-Compliance Situation

| Unit/Group/ Process ID. No(s). | SOP Index No. | Pollutant | Applicable Requirement | |
|---|---|---|---|---|
| | | | Citation | Text Description |
| SMR2 | | VOC | NSR Permits 2937/PSDTX 1023M2, SC 41 | SSMR stripper vent condenser shall collect 98% of methanol on hourly avg. Stripper exhaust gas temp shall be maintained below 115?f prior to 1st satisfactory stack sample & below that maintained during most recent sample following initial stack test. |

### 2. Compliance Status Assessment Method and Records Location

| Compliance Status Assessment Method | | Location of Records/Documentation |
|---|---|---|
| Citation | Text Description | |
| 30 TAC 116.116(a) | The conditions upon which a permit is issued: Representations with regard to construction plans & operation procedures in an application for a permit, special permit, or special exemption; & any general & special conditions attached to the permit. | Environmental Offices |

### 3. Non-compliance Situation Description

The NSR Permit No. 2937 Special Condition does not properly reflect how the Steam Methane Reformer, SMR2 (EPN: SMR2), is operated and monitored. The special condition was not corrected prior to the start-up of the unit when a process change was made to route the SMR stripper condenser vent to the SMR2 heater. The start-up of the unit was in September 2007. Note the EPN is included in NSR Permit No. 2937.

### 4. Corrective Action Plan Description

Correct the special conditions in the NSR permit to reflect the actual operation of the SMR stripper vent condenser which is routed to the SMR heater through an amendment application.

### 5. List of Activities/Milestones to Implement the Corrective Action Plan

| | |
|---|---|
| 1 | Apply to the TCEQ to correct the special conditions in NSR Permit No. 2937 pertaining to the Steam Methane Reformer, SMR2 (EPN: SMR2), through a permit amendment application (submittal completed on 12/30/2011). |
| 2 | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| 3 | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| COKER1-FE, CRUVAC4-FE, GOT1-FE, SRU2-FE | | VOC | 40 CFR 60.592, 60.482-5 | Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system. |

| **2. Compliance Status Assessment Method and Records Location** | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 40 CFR 60.592, 60.482-5 | Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system. | Environmental Offices |

**3. Non-compliance Situation Description**

Sample loops were identified that needed new or improved closed sample loops as per NSPS GGG. Note COKER1-FE (EPN: COKER1-FE) requires 6 closed loop sample points, CRUVAC4-FE (EPN: CRUVAC4-FE) requires 1 closed loop sample point, GOT1-FE (EPN: GOT1-FE) requires 10 closed-loop sample points, & SRU2-FE (EPN: SRU2-FE) requires 1 closed-loop sample point. The EPNs are included in NSR Permit No. 2937. Note the existing sample loops were not earlier identified as requiring closed loop type systems.

**4. Corrective Action Plan Description**

Install closed sample loops as per 40 CFR 60.592 and 40 CFR 60.482-5 in the following areas: COKER1-FE (EPN: COKER1-FE) 6 closed loop sample points, CRUVAC4-FE (EPN: CRUVAC4-FE) 1 closed loop sample point, GOT1-FE (EPN: GOT1-FE) 10 sample closed loop sample points, and SRU2-FE (EPN: SRU2-FE) 1 closed loop sample point.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Install closed sample loops on 18 sample points included in NSR Permit No. 2937 with EPNs: COKER1-FE, CRUVAC4-FE, GOT1-FE, and SRU2-FE as required by the fourth quarter of 2013. The details on the following individual sample loops are given. |

| Sample Loop No | Location | Schedule of Completion |
|---|---|---|
| 107010 | Coker Feed | 12/31/2013 |
| 108560 | #4 Vacuum Unit VTB | 12/31/2013 |
| 107100 | Coker LGO | 9/30/2013 |
| 107120 | Coker HGO | 9/30/2013 |
| 107170 | Coker Big Red Liquid | 9/30/2013 |
| 107200 | Coker SPG Abs Off Gas | 9/30/2013 |
| 144100 | GOT Btms | 12/31/2013 |
| 144130 | GOT Feed | 6/30/2013 |
| 144160 | GOP HP Release Gas | 6/30/2013 |
| 144170 | GOT LP Release Gas | 6/30/2013 |
| 144180 | GOT Makeup Gas | 6/30/2013 |
| 144200 | GOT Preflash OH Liquid | 12/31/2013 |
| 144230 | GOT Recycle Gas Abs Rich Amine | 6/30/2013 |

| | |
|---|---|
| **2** | Submit a revision to FOP No. O2238 if necessary. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with the sample loop installations, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | **Type of Action** | **Date Submitted** |
|---|---|---|
| | N/A | |

| | |
|---|---|
| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| SMR2 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for heater, SMR2 (unit ID No. SMR2) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, SMR2 (Unit ID No. SMR2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| QL-10 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The firing rates on an hourly basis for heater, QL-10 (unit ID No. QL-10) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937.

**4. Corrective Action Plan Description**

Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, QL-10 (Unit ID No. QL-10), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | **Type of Action** | **Date Submitted** |
|---|---|---|
| | N/A | |

| | |
|---|---|
| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| SRU1, SRU2 | | NOX | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx for the subcap for SRU1 and SRU2, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization of the NOX emissions (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for SRU1 and SRU2 through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the NOx emissions for the SRU1 and SRU2 subcap through a permit amendment, or permit renewal to the NSR Permit No. 2937 by the end of the fourth quarter of 2013. |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

**A. Compliance Schedule**

**1. Specific Non-Compliance Situation**

| Unit/Group/ Process ID. No(s). | SOP Index No. | Pollutant | Applicable Requirement | |
|---|---|---|---|---|
| | | | Citation | Text Description |
| B-4 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

**2. Compliance Status Assessment Method and Records Location**

| Compliance Status Assessment Method | | Location of Records/Documentation |
|---|---|---|
| Citation | Text Description | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The firing rates on an hourly basis for boiler, B-4 (unit ID No. B-4) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this boiler. The EPN is included in NSR Permit No. 2937.

**4. Corrective Action Plan Description**

Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the boiler, B-4 (Unit ID No. B-4), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| EP-B-1 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for boiler, EP-B-1 (Unit ID No. EP-B-1) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this boiler. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the boiler, EP-B-1 (Unit ID No. EP-B-1), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| EP-B-2 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for boiler, EP-B-2 (Unit ID No. EP-B-2) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this boiler. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the boiler, EP-B-2 (Unit ID No. EP-B-2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

**A. Compliance Schedule**

**1. Specific Non-Compliance Situation**

| Unit/Group/ Process ID. No(s). | SOP Index No. | Pollutant | Applicable Requirement | |
|---|---|---|---|---|
| | | | Citation | Text Description |
| EP-B-5 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

**2. Compliance Status Assessment Method and Records Location**

| Compliance Status Assessment Method | | Location of Records/Documentation |
|---|---|---|
| Citation | Text Description | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The firing rates on an hourly basis for boiler, EP-B-5 (Unit ID No. EP-B-5) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this boiler. The EPN is included in NSR Permit No. 2937.

**4. Corrective Action Plan Description**

Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the boiler, EP-B-5 (Unit ID No. EP-B-5), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 8-H-5 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, and firing rates on an hourly and annual basis for heater, 8-H-5 (EPN: 8-H-5), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase heater firing rates on an hourly and annual basis affecting NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly and annual basis affecting NOx, SO2, PM, and VOC emissions for the heater, 8-H-5 (EPN: 8-H-5), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 8-H-6 | | NOX, SO2 | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The maximum allowable ton per year (TPY) emissions for NOx and SO2 for heater, 8-H-6 (EPN: 8-H-6), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization of the NOx and SO2 maximum allowable ton per year (TPY) emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the NOx and SO2 emissions for the heater, 8-H-6 (EPN: 8-H-6), through a permit amendment, or permit renewal to the NSR Permit No. 2937 by the end of the fourth quarter of 2013. |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 39-H-1 | | NOX, SO2 | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx and SO2 for heater, 39-H-1 (EPN: 39-H-1), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization of the NOx emissions (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx and SO2 through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the NOx and SO2 emissions for the heater, 39-H-1 (EPN: 39-H-1), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 39-H-2 | | SO2 | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The maximum allowable ton per year (TPY) emissions for SO2 for heater, 39-H-2 (EPN: 39-H-2), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization of the SO2 maximum allowable ton per year (TPY) emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization of the SO2 emissions for the heater, 39-H-2 (EPN: 39-H-2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 by the end of the fourth quarter of 2013. |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 39-H-3 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for heater, 39-H-3 (Unit ID No. 39-H-3) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, 39-H-3 (Unit ID No. 39-H-3), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 39-H-7 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, and firing rates on an hourly and annual basis for heater, 39-H-7 (EPN: 39-H-7), were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase heater firing rates on an hourly and annual basis affecting NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly and annual basis affecting NOx, SO2, PM, and VOC emissions for the heater, 39-H-7 (EPN: 39-H-7), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 44-H-1 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| **2. Compliance Status Assessment Method and Records Location** | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| **3. Non-compliance Situation Description** |
|---|
| The firing rates on an hourly basis for heater, 44-H-1 (Unit ID No. 44-H-1) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| **4. Corrective Action Plan Description** |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| **5. List of Activities/Milestones to Implement the Corrective Action Plan** | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, 44-H-1 (Unit ID No. 44-H-1), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | **Type of Action** | **Date Submitted** |
|---|---|---|
| | N/A | |

| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 148-H-01 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for heater, 148-H-01 (Unit ID No. 148-H-01) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, 148-H-01 (Unit ID No. 148-H-01), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 148-H-02 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for heater, 148-H-02 (Unit ID No. 148-H-02) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, 148-H-02 (Unit ID No. 148-H-02), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

**A. Compliance Schedule**

**1. Specific Non-Compliance Situation**

| Unit/Group/ Process ID. No(s). | SOP Index No. | Pollutant | Applicable Requirement | |
|---|---|---|---|---|
| | | | Citation | Text Description |
| Q10-H-01 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

**2. Compliance Status Assessment Method and Records Location**

| Compliance Status Assessment Method | | Location of Records/Documentation |
|---|---|---|
| Citation | Text Description | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The firing rates on an hourly basis for heater, Q10-H-01 (Unit ID No. Q10-H-01) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937.

**4. Corrective Action Plan Description**

Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, Q10-H-01 (Unit ID No. Q10-H-01), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| Q11-H-301 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for heater, Q11-H-301 (Unit ID No. Q11-H-301) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, Q11-H-301 (Unit ID No. Q11-H-301), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| Q11-H-3002 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| **2. Compliance Status Assessment Method and Records Location** | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

**3. Non-compliance Situation Description**

The firing rates on an hourly basis for heater, Q11-H-3002 (Unit ID No. Q11-H-3002) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937.

**4. Corrective Action Plan Description**

Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit.

**5. List of Activities/Milestones to Implement the Corrective Action Plan**

| | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, Q11-H-3002 (Unit ID No. Q11-H-3002), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| **6. Previously Submitted Compliance Plan(s)** | **Type of Action** | **Date Submitted** |
|---|---|---|
| | N/A | |

| | |
|---|---|
| **7. Progress Report Submission Schedule** | Semi-annually beginning at permit renewal issuance. |

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| QH-125 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for heater, QH-125 (Unit ID No. QH-125) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, QH-125 (Unit ID No. QH-125), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| Q-H-3 | | NOX, SO2, PM, VOC | 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The firing rates on an hourly basis for heater, Q-H-3 (Unit ID No. Q-H-3) affecting the emissions limits (lbs./hour) as well as the maximum allowable ton per year (TPY) emissions for NOx, SO2, PM, and VOC, were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit due to incorrect emissions calculations for this heater. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to increase firing rates and increase NOx, SO2, PM, and VOC emissions through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to increase firing rates on an hourly basis affecting NOx, SO2, PM, and VOC emissions for the heater, Q-H-3 (Unit ID No. Q-H-3), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 7-H-2 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for heater 7-H-2 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater, 7-H-2 (EPN: 7-H-2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 8-H-4 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for heater 8-H-4 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater, 8-H-4 (EPN: 8-H-4), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 44-H-2 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for heater 44-H-2 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater, 44-H-2 (EPN: 44-H-2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| Q11-H-3001 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for heater Q11-H-3001 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater, Q11-H-3001 (EPN: Q11-H-3001), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| EP-B-2 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for boiler EP-B-2 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the boiler, EP-B-2 (EPN: EP-B-2), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| EP-B-5 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for boiler EP-B-5 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the boiler, EP-B-5 (EPN: EP-B-5), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 8-H-5 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for heater 8-H-5 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater, 8-H-5 (EPN: 8-H-5), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| 39-H-1 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for heater 39-H-1 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater, 39-H-1 (EPN: 39-H-1), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| Q11-H-3002 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for heater Q11-H-3002 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater, Q11-H-3002 (EPN: Q11-H-3002), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| EP-B-1 | | NOX | NSR Permit 2937, Special Cond. 11 | Heaters and boilers are subject to the requirements to demonstrate that nox emissions from the listed combustion units shall not be exceeded. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 30 TAC 116.116(b)(1)(B) & (C) | Do not vary from any representation without obtaining a permit amendment for a change in the character of the emissions or an increase in the emissions rate. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| The NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for boiler EP-B-1 were incorrectly incorporated into the NSR 30 TAC 116 Subchapter B Permit (NSR Permit #2937) for NSR Permit Special Condition No. 11. The EPN is included in NSR Permit No. 2937. |

| 4. Corrective Action Plan Description |
|---|
| Obtain proper authorization to change the NOx concentration emissions limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the heater through an amendment application to the NSR permit. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| **1** | Submit an application to the TCEQ for authorization to change the NOx concentration emission limits in units of lbs. NOx/MMBtu on an hourly basis and 365 day rolling average basis for the boiler, EP-B-1 (EPN: EP-B-1), through a permit amendment, or permit renewal to the NSR Permit No. 2937 (amendment application was submitted on 12/30/2011). |
| **2** | Submit a revision to FOP No. O2238 if necessary once NSR authorization is approved for changes to applicable requirements identified in the FOP. Submit such a revision within the timeline specified in 30 TAC Chapter 122. |
| **3** | Until compliance is achieved with NSR authorization, continue to submit deviation reports pursuant to 30 TAC Chapter 122. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Compliance Schedule

| A. Compliance Schedule | | | | |
|---|---|---|---|---|
| **1. Specific Non-Compliance Situation** | | | | |
| **Unit/Group/ Process ID. No(s).** | **SOP Index No.** | **Pollutant** | **Applicable Requirement** | |
| | | | **Citation** | **Text Description** |
| N/A | | VOC | 60.692-2(a)(2) & (3) | Active drains shall be checked initially & monthly for low water levels or conditions that reduce the effectiveness of water seal controls. Drains out of active service shall be checked initially & weekly for low water levels or problems that could result in VOC emissions. |

| 2. Compliance Status Assessment Method and Records Location | | |
|---|---|---|
| **Compliance Status Assessment Method** | | **Location of Records/Documentation** |
| **Citation** | **Text Description** | |
| 60.692-2(a)(1) | Insure a positive visual indication of a water seal control on all NSPS QQQ drains. | Environmental Offices |

| 3. Non-compliance Situation Description |
|---|
| NSPS QQQ drain inspections do not insure positive visual indication of the presence of an effective water seal control. |

| 4. Corrective Action Plan Description |
|---|
| Insure positive visual indication of the presence of an effective water seal control on all NSPS QQQ drains. |

| 5. List of Activities/Milestones to Implement the Corrective Action Plan | |
|---|---|
| 1 | Survey the drains identified as applicable for NSPS QQQ to develop an inventory of any drains without visible water seals. Evaluate the construction and service of these drains to confirm their regulatory status relative to NSPS QQQ. Develop a project if needed to install additional controls on drains requiring a visible water seal by the end of the fourth quarter of 2014. |

| 6. Previously Submitted Compliance Plan(s) | Type of Action | Date Submitted |
|---|---|---|
| | N/A | |

| 7. Progress Report Submission Schedule | Semi-annually beginning at permit renewal issuance. |
|---|---|

## Alternative Requirement

**Alternative Requirement ..... 556**

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

OCT 0 4 2011

RECEIVED
OCT 2011
HS&E DEPT.
Valero Refining Company
Corpus Christi, TX

Mr. Sam Sanders
Senior Environmental Engineer
Valero Refining – Texas L.P.
Corpus Christi East Plant
Post Office Box 9370
Corpus Christi, Texas 78469-9370

**RE: New Source Performance Standards (NSPS) 40 CFR 60 Subpart J**
**Alternative Monitoring Plan (AMP)**
**Sulfur Loading and Storage Vent Streams**
**Routed to Tail Gas Incinerator (TGI)**
**CD No SA-05-CA-0569**

Dear Mr. Sanders:

This letter is in response to your AMP dated November 20, 2007, with additional information from April 30, 2011, and August 24, 2011, concerning sulfur vapor vents from the following:

1. East Plant Sulfur Truck (Unit 141 and SULF-TLDG) and Railcar loading (Unit 141 and SULF-RCLD);
2. East Plant Sulfur Storage Tank (195-TK-038), routed to SRU No. 2 TGI (Unit 195);
3. East Plant Sulfur Drain Header (195-V-037), routed to SRU No. 1 TGI (Unit 195);
4. East Plant Sulfur Drain Header (141-V-021), routed to SRU No. 1 TGI (Unit 141);
5. West Plant Sulfur Truck Loading vent gas stream (Unit 41 and Vent Stream WPSULF-TLD) routed to the Claus Tail Gas Burner (41H07) TGI or alternately to the Claus Tail Gas Burner (41H34) TGI.

In addition to the review of all material submitted by Valero, EPA also evaluated saturated steam tables and partial vapor pressure of sulfur at various temperatures. From the available materials it has been determined that saturated steam at 50 pounds per square inch gauge (psig) pressure, which keeps the sulfur molten for storage and transfer operations at approximately 139°C, does not generate sufficient partial vapor pressure to exceed 250 ppm by volume of sulfur dioxide at 0% oxygen after vapor incineration. Under consideration of this information, EPA approves the alternative monitoring plan as stipulated above such that the temperature of the molten sulfur (139°C) shall not generate sufficient vapors to exceed 250 ppmv of sulfur dioxide at 0% oxygen in the combusted gas.

If you have any questions, please contact Mr. Charles Handrich at (214) 665-6553.

Sincerely,

David F. Garcia
Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz (Texas Commission on Environmental Quality)

## Appendix A

**Acronym List ..... 559**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
COMS ..... continuous opacity monitoring system
CVS ..... closed-vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
DR ..... Designated Representative
ElP ..... El Paso (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
GF ..... grandfathered
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
$H_2S$ ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MMBtu/hr ..... Million British thermal units per hour
MRRT ..... monitoring, recordkeeping, reporting, and testing
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
$NO_x$ ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PM ..... particulate matter
ppmv ..... parts per million by volume
PSD ..... prevention of significant deterioration
RO ..... Responsible Official
$SO_2$ ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

## Appendix B

**Major NSR Summary Table.....561**

| Permit Number: 2937 and PSDTX1023M2 (Version Date: 05/22/2014) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| REFFUG: Includes NEWBZ-FE, NONENE1-FE, BLRHSE-FE, BTX1-FE, COKER1-FE, CRUVAC4-FE, DEOCT-FE, DIST1-FE, DIST2-FE, DOCK11-FE, DOCK3-FE, DOCK-4FUG, DOCK6-FE, DOCK7-FE, EP-FLR-FE, FCCU1-FE, GOT1-FE, HCU-FE, KER01-FE, LEU1-FE, LEU2-FE, PMA-FE, QBTX-FE, QNAPSPL-FE, QHDS2-FE, QREF2-FE, QSULFO-FE, RAFF1-FE, RAFF2-FE, REF2-FL-FE, REF4-FE, SMR2-FE, SRU1-FE, SRU2-FE, SULFO1-FE, SWS1-FE, SWS2-FE, TKFMEPN-FE, TKFMEPS-FE, TKFMQPN-FE, TKFMWP-FE, TRUCKRK-FE, WP-FLR-FE, SMR-FE, HCU-FLR-FE, MEROXWP-FE, ALKY1-FE | Refinery Fugitives Subcap | VOC | 73.73<br>322.92 | lb/hr<br>tpy | 23, 24, 25, 26 | 23, 24, 25, 26, 32 | 23, 24 |
| TK-100, TK-102, TK-106, TK-110, TK-111, TK-112, TK-113, TK-114, TK-122, TK-128, TK-14, TK-142, TK-146, TK-147, TK-15, TK-151, TK-152, TK-153, TK-17, TK-19, TK-20, TK-200, TK-202, TK-203, TK-204, TK-205, TK-206, TK-207, TK-208, TK-21, TK-210, TK-211, TK-212, TK-213, TK-22, TK-320, TK-321, TK-322, TK-323, TK-324, TK-325, TK-326, TK-329, TK-330, TK-331, TK-332, TK-333, TK-334, TK-335, TK-336, TK-350, TK-351, TK-352, TK-353, TK-354, TK-355, TK-356, TK-357, TK-358, TK-359, TK-360, TK-370, TK-371, TK-50, TK-500, TK-502, TK-503, TK-504, TK-505, TK-506, TK-507, TK-509, TK-51, TK-510, TK-52, TK-53, TK-54, TK-55, TK-70, TK-71, TK-72, TK-73, TK-74, TK-76, TK-77, TK-79, TK-80, TK-81, TK-82, TK-83, TK-84, TK-85, TK-86, TK-87, TK-88, TK-89, TK-9, TK-90, TK-91, TK-92, TK-93, TK-94, TK-95, TK-96, TK-97, TK-98, TK-99, TK-104, TK-107, TK-138, TK-209, TK-214, TK-215, TK-310, TK-311, TK-312, TK-327, TK-328, TK-501, TK-508, TK-7, 175-TK-001, 175-TK-002, 175-TK-003, SWS1-T3 | Tanks Subcap | VOC | 416.03<br>279.93 | lb/hr<br>tpy | 20 | 20, 32 | |
| EP-B-1 | Boiler - C8 Boiler No. 1 | $NO_x$ | 4.8118.05 | lb/hrtpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |

| Permit Number: 2937 and PSDTX1023M2 (Version Date: 05/22/2014) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 0.74<br>2.19 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 3.20<br>5.48 | lb/hr<br>tpy | | | |
| | | CO | 11.66<br>51.07 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 1.02<br>3.04 | lb/hr<br>tpy | | | |
| EP-B-2 | Boiler - C8 Boiler No. 2 | $NO_x$ | 5.22<br>18.05 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 0.80<br>2.02 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 3.12<br>5.13 | lb/hr<br>tpy | | | |
| | | CO | 12.65<br>51.07 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 1.11<br>2.79 | lb/hr<br>tpy | | | |
| B-4 | Boiler - C6B Boiler No. 4 (West) (169-B-4) | $NO_x$ | 2.70<br>11.83 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 0.49<br>2.13 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.90<br>4.70 | lb/hr<br>tpy | | | |
| | | CO | 7.39<br>25.26 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.67<br>2.94 | lb/hr<br>tpy | | | |
| EP-B-5 | Boiler - C8 Boiler No. 5 | $NO_x$ | 8.4531.73 | lb/hrtpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 1.30<br>5.19 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 6.29<br>10.20 | lb/hr<br>tpy | | | |
| | | CO | 20.50<br>89.78 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 1.80<br>7.17 | lb/hr<br>tpy | | | |
| B-5 | Boiler - C6B Boiler No. 5 (East) (169-B-5) | $NO_x$ | 2.70<br>11.83 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |

| Permit Number: 2937 and PSDTX1023M2 (Version Date: 05/22/2014) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 0.49<br>2.13 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.90<br>4.70 | lb/hr<br>tpy | | | |
| | | CO | 7.39<br>25.26 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.67<br>2.94 | lb/hr<br>tpy | | | |
| QH-125 | No. 2 Reformer Heaters (A, B, & C) | $NO_x$ | 3.60<br>15.27 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 0.55<br>2.35 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 3.31<br>3.77 | lb/hr<br>tpy | | | |
| | | CO | 7.58<br>10.62 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.77<br>3.25 | lb/hr<br>tpy | | | |
| 27-H-1 | Heater - C8 BTX Clay Twr (127-H-1) | $NO_x$ | 0.572.15 | lb/hrtpy | 9, 11 | 32 | |
| | | VOC | 0.03<br>0.12 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.15<br>0.13 | lb/hr<br>tpy | | | |
| | | CO | 0.47<br>0.41 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.04<br>0.16 | lb/hr<br>tpy | | | |
| 44-H-1 | Heater - C7 GOT Chrg. (144-H-1) | $NO_x$ | 4.18<br>16.10 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 0.64<br>2.48 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.79<br>3.97 | lb/hr<br>tpy | | | |
| | | CO | 9.61<br>14.24 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.89<br>3.43 | lb/hr<br>tpy | | | |
| 37-H-1 | Heater - C7 Kero HDS (137-H-1) | $NO_x$ | 1.98<br>8.65 | lb/hr<br>tpy | 9, 11 | 32 | |

| Permit Number: 2937 and PSDTX1023M2 (Version Date: 05/22/2014) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 0.11<br>0.47 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.46<br>0.65 | lb/hr<br>tpy | | | |
| | | CO | 1.06<br>1.81 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.15<br>0.64 | lb/hr<br>tpy | | | |
| 39-H-1 | Heater - C7 No. 4 | $NO_x$ | 1.255.46 | lb/hrtpy | 9, 11, 28, 63 | 28, 32 | 28 |
| | | VOC | 0.27<br>1.04 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 1.16<br>1.88 | lb/hr<br>tpy | | | |
| | | CO | 3.72<br>6.66 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.37<br>1.45 | lb/hr<br>tpy | | | |
| Q10-H-1 | Heater - C6B SMR Heater (129-H-1) Hydrobon Chrg. (139-H-1) | $NO_x$ | 8.28<br>36.26 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 1.28<br>4.88 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 7.62<br>12.36 | lb/hr<br>tpy | | | |
| | | CO | 18.48<br>34.09 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 1.76<br>6.74 | lb/hr<br>tpy | | | |
| 7-H-2 | Heater - C7 Coker Chrg. (107-H-2) | $NO_x$ | 5.19<br>18.40 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 0.80<br>2.83 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 3.46<br>4.54 | lb/hr<br>tpy | | | |
| | | CO | 11.88<br>25.18 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 1.11<br>3.92 | lb/hr<br>tpy | | | |
| 44-H-2 | Heater - C7 GOT Frac. Reb. (144-H-2) | $NO_x$ | 1.604.58 | lb/hrtpy | 9, 11, 28, 63 | 28, 32 | 28 |

| Permit Number: 2937 and PSDTX1023M2 (Version Date: 05/22/2014) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 0.35<br>0.99 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 1.49<br>1.58 | lb/hr<br>tpy | | | |
| | | CO | 5.09<br>7.51 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.48<br>1.36 | lb/hr<br>tpy | | | |
| 37-H-2 | Heater - C7 Kero HDS Frac.Reb. (137-H-2) | $NO_x$ | 1.37<br>5.34 | lb/hr<br>tpy | 9, 11 | 32 | |
| | | VOC | 0.07<br>0.28 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.32<br>0.52 | lb/hr<br>tpy | | | |
| | | CO | 1.08<br>1.74 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.10<br>0.38 | lb/hr<br>tpy | | | |
| 39-H-2 | Heater - C7 No. 4 Hydrobon Reb. (139-H-2) | $NO_x$ | 3.78<br>14.93 | lb/hr<br>tpy | 9, 11 | 32 | |
| | | VOC | 0.20<br>0.80 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.88<br>1.29 | lb/hr<br>tpy | | | |
| | | CO | 3.08<br>5.82 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.28<br>1.11 | lb/hr<br>tpy | | | |
| Q11-H-3001 | Heater - C6B HCU Deb. Reb. (129-H-3001) | $NO_x$ | 2.6911.76 | lb/hrtpy | 9, 11 | 32 | |
| | | VOC | 0.14<br>0.59 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.87<br>1.24 | lb/hr<br>tpy | | | |
| | | CO | 2.16<br>2.94 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.2<br>0.81 | lb/hr<br>tpy | | | |
| Q11-H-3002 | Heater - C6B HCU Fract. Reb. (129-H- | $NO_x$ | 2.72<br>11.9 | lb/hr<br>tpy | 9, 11 | 32 | |

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|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | 3002) | VOC | 0.15<br>0.54 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.87<br>1.42 | lb/hr<br>tpy | | | |
| | | CO | 1.81<br>3.57 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.20<br>0.74 | lb/hr<br>tpy | | | |
| Q11-H-301 | Heater - C6B HCU Rx Chrg. (129-H-301) | $NO_x$ | 2.29<br>9.06 | lb/hr<br>tpy | 9, 10, 11, 28 | 10, 28, 32 | 28 |
| | | VOC | 0.35<br>1.40 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.11<br>3.09 | lb/hr<br>tpy | | | |
| | | CO | 5.34<br>11.05 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.49<br>1.93 | lb/hr<br>tpy | | | |
| 44-H-3 | Heater - C7 GOT Stabilizer (144-H-3) | $NO_x$ | 1.746.28 | lb/hrtpy | 9, 11 | 32 | |
| | | VOC | 0.14<br>0.54 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.62<br>0.85 | lb/hr<br>tpy | | | |
| | | CO | 1.81<br>2.32 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.20<br>0.74 | lb/hr<br>tpy | | | |
| Q3-H-3 | No. 2 Reformer HDS Heaters | $NO_x$ | 7.3<br>25.43 | lb/hr<br>tpy | 9, 11, 28 | 28, 32 | 28 |
| | | VOC | 0.39<br>1.37 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.35<br>2.83 | lb/hr<br>tpy | | | |
| | | CO | 5.31<br>7.80 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.54<br>1.89 | lb/hr<br>tpy | | | |
| 39-H-3A | Heater - C7 No. 4 Plat. Charge (139-H-3A) | $NO_x$ | 4.09<br>10.64 | lb/hr<br>tpy | 9, 10, 11, 28 | 10, 28, 32 | 28 |

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|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 0.63<br>1.64 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.73<br>2.62 | lb/hr<br>tpy | | | |
| | | CO | 9.34<br>14.94 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.87<br>2.26 | lb/hr<br>tpy | | | |
| 39-H-3B | Heater - C7 No. 4 Plat. IntHtr. (139-H-3B) | $NO_x$ | 2.62 | lb/hrtpy | 9, 10, 11, 28 | 10, 28, 32 | 28 |
| | | VOC | 0.40<br>1.49 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 1.74<br>2.34 | lb/hr<br>tpy | | | |
| | | CO | 4.62<br>6.89 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.56<br>2.44 | lb/hr<br>tpy | | | |
| 39-H-3C | C7 No. 4 Plat. IntHtr. (139-H-3C/D) | $NO_x$ | 8.9<br>21.39 | lb/hr<br>tpy | 9, 11, 28 | 28, 32 | 28 |
| | | VOC | 0.48<br>1.15 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.07<br>1.85 | lb/hr<br>tpy | | | |
| | | CO | 7.10<br>10.74 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.66<br>1.59 | lb/hr<br>tpy | | | |
| 8-H-3 | Heater - C7 No. 4 Vacuum Chrg. (108-H-3) | $NO_x$ | 3.47<br>11.99 | lb/hr<br>tpy | 9, 11 | 32 | |
| | | VOC | 0.19<br>0.55 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.82<br>1.30 | lb/hr<br>tpy | | | |
| | | CO | 2.16<br>4.04 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.26<br>0.76 | lb/hr<br>tpy | | | |
| 8-H-4 | Heater - C7 No. 4 Crude Chrg. (108-H-4) | $NO_x$ | 6.7219.16 | lb/hrtpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |

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|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 1.03<br>2.95 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 4.47<br>4.73 | lb/hr<br>tpy | | | |
| | | CO | 15.54<br>28.69 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 1.43<br>4.08 | lb/hr<br>tpy | | | |
| Q3-H-4A/B | Heater - C6B No. 2 Ref. Split. (116-H-4A/B) | $NO_x$ | 3.99<br>17.28 | lb/hr<br>tpy | 9, 11, 28, 37 | 28, 32, 37 | 28, 37 |
| | | VOC | 0.78<br>3.41 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 1.28<br>1.94 | lb/hr<br>tpy | | | |
| | | CO | 3.68<br>5.56 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.30<br>1.30 | lb/hr<br>tpy | | | |
| 8-H-5 | Heater - C7 No. 4 Vacuum Chrg. (108-H-5) | $NO_x$ | 1.69<br>7.00 | lb/hr<br>tpy | 9, 11, 28, 63 | 28, 32 | 28 |
| | | VOC | 0.36<br>1.27 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 1.58<br>2.42 | lb/hr<br>tpy | | | |
| | | CO | 5.48<br>8.81 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.50<br>1.76 | lb/hr<br>tpy | | | |
| 8-H-6 | Heater - C7 No. 4 Crude Chrg. (108-H-6) | $NO_x$ | 10.0130.66 | lb/hrtpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 1.54<br>4.72 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 6.67<br>7.56 | lb/hr<br>tpy | | | |
| | | CO | 23.29<br>41.00 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 2.13<br>6.53 | lb/hr<br>tpy | | | |
| 39-H-7 | Heater - C7 No. 4 Plat. Stab. Reb. (139-H-7) | $NO_x$ | 1.27<br>4.55 | lb/hr<br>tpy | 9, 10, 11 | 10, 32 | |

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|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 0.19<br>0.70 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.84<br>1.12 | lb/hr<br>tpy | | | |
| | | CO | 2.94<br>5.30 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.27<br>0.97 | lb/hr<br>tpy | | | |
| H-TK-54 | Heater - Tank TK-54 Heater | $NO_x$ | 0.40<br>0.86 | lb/hr<br>tpy | 9, 11 | 32 | |
| | | VOC | 0.02<br>0.5 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.05<br>0.6 | lb/hr<br>tpy | | | |
| | | CO | 0.32<br>0.73 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.03<br>0.06 | lb/hr<br>tpy | | | |
| H-TK-70 | Heater - Tank TK-70 Heater | $NO_x$ | 0.400.86 | lb/hrtpy | 9, 11 | 32 | |
| | | VOC | 0.02<br>0.05 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.05<br>0.06 | lb/hr<br>tpy | | | |
| | | CO | 0.32<br>0.73 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.03<br>0.06 | lb/hr<br>tpy | | | |
| H-TK-83 | Heater - Tank TK-83 Heater | $NO_x$ | 0.40<br>0.86 | lb/hr<br>tpy | 9, 11 | 32 | |
| | | VOC | 0.02<br>0.05 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.05<br>0.06 | lb/hr<br>tpy | | | |
| | | CO | 0.32<br>0.73 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.03<br>0.06 | lb/hr<br>tpy | | | |
| QL-10 | Heater - C6B No. 4 Plat. Spltter (154-H-10) | $NO_x$ | 2.93<br>8.13 | lb/hr<br>tpy | 9, 10, 11, 28, 37 | 10, 28, 32, 37 | 28, 37 |

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|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 1.49<br>5.81 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.70<br>2.71 | lb/hr<br>tpy | | | |
| | | CO | 6.87<br>6.20 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.62<br>1.73 | lb/hr<br>tpy | | | |
| 148H-01-02 | ULSD Heaters | $NO_x$ | 4.1317.48 | lb/hrtpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 0.64<br>2.69 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 2.75<br>4.31 | lb/hr<br>tpy | | | |
| | | CO | 7.90<br>1.90 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.88<br>3.72 | lb/hr<br>tpy | | | |
| SMR2 | SMR2 Heater | $NO_x$ | 23.59<br>103.32 | lb/hr<br>tpy | 9, 10, 11, 28, 29 | 10, 28, 29, 32 | 28, 29 |
| | | VOC | 3.63<br>15.92 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 15.71<br>25.49 | lb/hr<br>tpy | | | |
| | | CO | 43.72<br>104.71 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 5.02<br>22.00 | lb/hr<br>tpy | | | |
| 83-CT1 | Cooling Tower - Complex 8 | VOC | 2.52<br>7.36 | lb/hr<br>tpy | 22 | 22, 32 | |
| | | $PM/PM_{10}$ | 3.02<br>12.24 | lb/hr<br>tpy | | | |
| 88-CT7 | Cooling Tower - Complex 7 | VOC | 2.53<br>7.66 | lb/hr<br>tpy | 22 | 22, 32 | |
| | | $PM/PM_{10}$ | 4.78<br>19.05 | lb/hr<br>tpy | | | |
| Q-CT4 | Cooling Tower - Hydrocracker | VOC | 0.67<br>2.76 | lb/hr<br>tpy | 22 | 22, 32 | |
| | | $PM/PM_{10}$ | 1.10<br>4.46 | lb/hr<br>tpy | | | |

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|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| Q-CT5 | Cooling Tower - No. 2 Reformer | VOC | 0.463.31 | lb/hrtpy | 22 | 22, 32 | |
| | | $PM/PM_{10}$ | 0.77<br>3.13 | lb/hr<br>tpy | | | |
| Q-CT8 | Cooling Tower - BTX | VOC | 0.50<br>1.47 | lb/hr<br>tpy | 22 | 22, 32 | |
| | | $PM/PM_{10}$ | 0.80<br>3.26 | lb/hr<br>tpy | | | |
| ASPH-RCLDG | Asphalt | VOC | 0.31<br>0.01 | lb/hr<br>tpy | 2 | 32 | |
| ASPH-TLDG | Asphalt | VOC | 0.31<br>0.01 | lb/hr<br>tpy | 2 | 32 | |
| LATEX-TLDG | Latex | VOC | 0.31<br>0.01 | lb/hr<br>tpy | 2 | 32 | |
| RC-RACK1 | Railcar Loading Rack 1 | VOC | 0.37<br>0.01 | lb/hr<br>tpy | 2 | 32 | |
| SULF-RCLDG | Sulfur | VOC | 0.02<br>0.01 | lb/hr<br>tpy | 2 | 32 | |
| SULF-TLDG | Sulfur | VOC | 0.02<br>0.01 | lb/hr<br>tpy | 2 | 32 | |
| MARINE-LDG | Marine Loading | VOC | 478.01<br>63.41 | lb/hr<br>tpy | 2 | 32 | |
| PD-6 | Loading - Dock 6 | VOC | 77.5<br>7.04 | lb/hr<br>tpy | 2 | 32 | |
| TO-3 | Dock Combustor TO-3 | $NO_x$ | 15.68<br>18.29 | lb/hr<br>tpy | 6, 7, 28 | 7, 28, 32 | 28 |
| | | VOC | 69.90<br>23.53 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.06<br>0.23 | lb/hr<br>tpy | | | |
| | | CO | 11.18<br>9.75 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.75<br>0.91 | lb/hr<br>tpy | | | |
| PMA-LOAD | Loading - PMA Asphalt | VOC | 0.07<br>0.16 | lb/hr<br>tpy | 2 | 32 | |
| TT-RACK1 | Loading - Truck Rack | VOC | 4.33<br>2.01 | lb/hr<br>tpy | 2 | 32 | |
| TO-2 | Truck Rack Thermal Oxidizer | $NO_x$ | 3.258.83 | lb/hrtpy | 4, 7, 28 | 7, 28, 32 | 28 |

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|---|---|---|---|---|---|---|---|
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| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | VOC | 9.69<br>7.88 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 0.01<br>0.04 | lb/hr<br>tpy | | | |
| | | CO | 1.74<br>4.71 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.16<br>0.44 | lb/hr<br>tpy | | | |
| Flare-1, HCU-FL1, REF2-FL1, WP-FLARE1, SRU1-FLARE, SRU2-FLARE, SWS-FLARE | Flares Subcap | $NO_x$ | 4.48<br>19.64 | lb/hr<br>tpy | 7 | 7, 32 | |
| | | VOC | 26.88<br>117.75 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 1.62<br>7.09 | lb/hr<br>tpy | | | |
| | | CO | 23.17<br>51.97 | lb/hr<br>tpy | | | |
| SRU1-INCIN, SRU2-INCIN | SRUs Subcap | $NO_x$ | 5.35<br>23.44 | lb/hr<br>tpy | 13, 15, 16, 28, 29 | 13, 28, 29, 32 | 13, 28, 29 |
| | | VOC | 0.29<br>1.26 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 66.77<br>292.47 | lb/hr<br>tpy | | | |
| | | CO | 4.41<br>19.30 | lb/hr<br>tpy | | | |
| | | $PM/PM_{10}$ | 0.40<br>1.75 | lb/hr<br>tpy | | | |
| FU-1 | DCU Coke Handling Fugitives | $PM/PM_{10}$ | 0.62<br>2.52 | lb/hr<br>tpy | | 32 | |
| 2REGENVENT | 2REGENVENT | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| 4REGENVENT | 4REGENVENT | VOC | 0.02<br>0.07 | lb/hr<br>tpy | | 32 | |
| 91-D-1 | Slurry Tank (Sludge Conc) | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| 91-D-2 | Make-Up Tk (Sludge Conc) | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| 91-D-3 | Charge Tank (Sludge Conc) | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| LS-1 | WWTP Lift Station (Covered) | VOC | 0.08<br>0.36 | lb/hr<br>tpy | | 32 | |

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|---|---|---|---|---|---|---|---|
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| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| SUMP-1 | WWTP Sump | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| WWS-EP | EP CPI Separator (covered) | VOC | 0.130.55 | lb/hrtpy | | 32 | |
| 91-D-4 | WP Sludge Concentration Tank | VOC | 0.06<br>0.28 | lb/hr<br>tpy | | 32 | |
| 91-D-5 | WP Sludge Concentration Tank | VOC | 0.06<br>0.28 | lb/hr<br>tpy | | 32 | |
| SUMP-2 | WWTP DAF Float & Bottoms Collection Pump Sump | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| SUMP-3 | EP CPI Inlet Sump and Excess Inflow Pump | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| 90-TK-61 | Sludge Holding Tank | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| 90-TK-65 | DAF Tank | VOC | 1.09<br>4.77 | lb/hr<br>tpy | | 32 | |
| 90-TK-66 | Bioreactor Tank | VOC | 2.14<br>9.37 | lb/hr<br>tpy | | 32 | |
| 90-TK-67 | Bioreactor Tank | VOC | 1.94<br>8.51 | lb/hr<br>tpy | | 32 | |
| 90-TK-68 | Clarifier Tank | VOC | 0.01<br>0.03 | lb/hr<br>tpy | | 32 | |
| 90-TK-69 | Clarifier Tank | VOC | 0.01<br>0.03 | lb/hr<br>tpy | | 32 | |
| 90-TK-85 | DAF Tank | VOC | 1.09<br>4.77 | lb/hr<br>tpy | | 32 | |
| 90-TK-64 | WWTP Biosludge Thickener | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| 90-TK-78 | WWTP Clarified Activated Biosludge Skimmings Tank | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| 90-TK-60 | Aerobic digester | VOC | 0.34<br>1.49 | lb/hr<br>tpy | | 32 | |
| T-109 | Tank 109 | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| QP-SUMP1 | QP Oily Water System Collection Sump & Pump Out System | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |

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|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| SUMP-4 | WP Oily Water System Collection Sump and Pump Out System | VOC | 0.01<br>0.01 | lb/hr<br>tpy | | 32 | |
| MSS | Maintenance, Startup, Shutdown | CO | 4290.4052.83 | lb/hrtpy | 43, 44, 45, 46, 47, 48, 53, 54 | 32, 38, 42, 43, 44, 45, 46, 47, 48, 49, 52, 53, 54, 56, 58, 60, 62 | |
| | | $NO_x$ | 149.3<br>2.03 | lb/hr<br>tpy | | | |
| | | VOC | 1713<br>48.5 | lb/hr<br>tpy | | | |
| | | $SO_2$ | 1087.5<br>37.12 | lb/hr<br>tpy | | | |
| | | $H_2S$ | 6.45<br>0.19 | lb/hr<br>tpy | | | |
| | | PM | 76.7<br>0.40 | lb/hr<br>tpy | | | |
| | | Sulfuric Acid | 10.95<br>0.26 | lb/hr<br>tpy | | | |
| | | Ammonia | 4.41<br>0.09 | lb/hr<br>tpy | | | |
| | | Exempt Solvents | 1.76<br>0.06 | lb/hr<br>tpy | | | |
| (Overall) Emission Caps | Emission Caps | $SO_2$ | 160.8<br>702.3 | lb/hr<br>tpy | 17, 27, 29 | 10, 27, 32 | |
| | | VOC | 1,790<br>1,118 | lb/hr<br>tpy | | | |
| | | $NO_x$ | 218.9<br>833.9 | lb/hr<br>tpy | | | |
| | | CO | 357.5<br>1,433 | lb/hr<br>tpy | | | |
| | | $PM_{10}$ | 45.39<br>173.1 | lb/hr<br>tpy | | | |
| | | $H_2S$ | 2.72<br>11.91 | lb/hr<br>tpy | | | |
| | | HCl | 0.21<br>0.06 | lb/hr<br>tpy | | | |
| | | $Cl_2$ | 0.06<br>0.02 | lb/hr<br>tpy | | | |
| | | Benzene | 37.2<br>25.15 | lb/hr<br>tpy | | | |

| Permit Number: 2937 and PSDTX1023M2 (Version Date: 05/22/2014) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rate Limits * | | Monitoring and Testing Requirement | Recordkeeping Requirement | Reporting Requirements |
| | | | Limit | Units (lb/hr, TPY, etc.) | Spec. Cond. | Spec. Cond. | Spec. Cond. |
| | | Ammonia | 0.17<br>0.75 | lb/hr<br>tpy | | | |

(1) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NOx - total oxides of nitrogen

$SO_2$ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including $PM_{10}$

$PM_{10}$ - particulate matter equal to or less than 10 microns in diameter

CO - carbon monoxide

$H_2S$ - hydrogen sulfide

$NH_3$ - ammonia

$Cl_2$ - Chlorine

Exempt Solvent - carbon compounds that are not VOC

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) Emission point identification - either specific equipment designation or emission point number from plot plan per Attachment 1.

(4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(5) The annual limits (TPY) apply to the period from August 1, 2010 through July 31, 2011 and for each rolling 12-month period thereafter. The maintenance, startup, and shutdown (MSS) emission caps are independent of the routine operating emission caps. Authorized emissions ofa pollutant from facilities in this permit are the sum of the emission cap and the MSS emission cap. The emission points and activities authorized under these emission caps are identified in Attachment 4 to this permit.

(6) These emission caps have been carried forward from the flexible permit and do not include MSS emissions. The only emission cap that is limiting (lower than the sum of the subcaps and individual emission rate limits for that air contaminant) is the hourly cap for CO.

* Emission rates are based on operating 8,760 hrs/year.

** Compliance with annual emission limits is based on a rolling l2-month period.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
# AIR QUALITY PERMIT

*A Permit Is Hereby Issued To*
**Valero Refining-Texas, L.P.**
*Authorizing the Construction and Operation of*
**Valero Corpus Christi Refinery East Plant**
*Located at* **Corpus Christi, Nueces County, Texas**
Latitude 27° 48′ 26″ Longitude 97° 26′ 46″

Permit: 2937 and PSDTX1023M2

Revision Date : May 22, 2014

Renewal Date: November 18, 2014

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code 116.116 (30 TAC 116.116)]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
3. **Construction Progress**. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC 116.115(b)(2)(A)]
4. **Start-up Notification**. The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC 116.115(b)(2)(B)(iii)]
5. **Sampling Requirements**. If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC 116.115(b)(2)(C)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with 30 TAC 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC 116.115(b)(2)(G)]
10. **Compliance with Rules**. Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit.

Special Conditions

Permit Numbers 2937 and PSDTX1023M2

## Emission Limitations

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Emission Caps and Individual Emission Limitations," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit.

## Loading Controls

2. Operation without visible liquid leaks or spills shall be maintained at all loading or unloading facilities regardless of vapor pressure. This does not apply to momentary dripping associated with the initial connection or disconnection of fittings. Sustained dripping from fittings during loading or unloading operations is not authorized. **(6/10)**

3. Unless specified otherwise in these permit conditions, emissions resulting from the tank truck and railcar loading of materials with a vapor pressure greater than 0.5 pound per square inch, absolute (psia) shall be routed to the Thermal Oxidizer (Emission Point No. [EPN] TO-2) for final abatement.

   The LPG truck loading lines and trucks shall be purged to the Complex 7 Main Flare (EPN WP FLARE1). **(6/06)**

4. The permittee shall not allow a gasoline tank truck to be filled unless the tank truck has passed a leak-tight test within the past 12 months. A certificate of testing shall be obtained for each tank truck which demonstrates that the tank truck passed a leak test conforming to the requirements of Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart R. All tank trucks loading other materials with a vapor pressure greater than 0.5 psia at this facility shall be leak-tight tested a minimum of once per year using the method described in the U.S. Environmental Protection Agency (EPA) regulations in 40 CFR Part 60, Subparts A and XX on Standards of Performance for New Stationary Sources promulgated for Bulk Gasoline Terminals.

5. All tank truck and railcar loading of materials with a vapor pressure less than or equal to 0.5 psia, except for asphalt, shall be conducted using submerged loading procedures.

6. All marine loading emissions of liquids with vapor pressures greater than 0.5 psia must be vented to an enclosed flare (EPN TO-3). Benzene may only be loaded into barges. A blower system shall be installed which will produce a vacuum in the barge hold being filled with benzene during all benzene loading operations. A pressure/vacuum gauge shall be installed on the suction side of the loading rack blower system adjacent to the barge being loaded to verify a vacuum in that vessel. Loading shall not occur unless there is a vacuum of at least 0.5 inch water column being maintained by the vacuum-assist vapor collection system when loading barges. The vacuum shall be recorded every hour during loading. Crude oil or condensate may be loaded onto ships or barges, but when loaded onto barges, the requirements for vacuum loading apply. Ships to be

loaded with crude oil or condensate ships must pass an annual vapor tightness test as specified in 40 CFR 63.565(c) or 40 CFR 61.304(f) **(11/12)**

**Combustion Controls**

7. Elevated Flares (EPNs EP-FLARE1, HCU-FL1, REF2-FL1, SRU1-FLARE, SRU2 FLARE, SWS-FLARE, and WP-FLARE1) and thermal oxidizer (enclosed flare) 2 (EPN TO-2) shall be designed and operated in accordance with the following requirements:

   A. The flare systems shall be designed such that the combined assist natural gas and waste stream to each flare meets the 40 CFR § 60.18 specifications of minimum heating value and maximum tip velocity under normal, upset, and maintenance flow conditions.

      The heating value and velocity requirements shall be satisfied during operations authorized by this permit. Flare testing per 40 CFR § 60.18(f) may be requested by the appropriate Texas Commission on Environmental Quality (TCEQ) Regional Office (or as required per New Source Performance Standards [NSPS] Subpart J) to demonstrate compliance with these requirements.

   B. The flares shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple, an ultraviolet sensor, or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications. **(5/14)**

   C. The flares shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. **(6/10)**

8. The firebox exit temperature for the thermal oxidizer (enclosed flare) 3 (EPN TO-3) shall be maintained at not less than 1400°F while waste gas is being fed into the oxidizer. The temperature shall be continuously monitored and recorded when waste gas is directed to the oxidizer. The temperature measurement device shall reduce the temperature readings to an averaging period of 6 minutes or less and record it at that frequency. The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±0.75 percent of the temperature being measured expressed in degrees Celsius or ±2.5°C.

   Quality assured (or valid) data must be generated when the oxidizer is operating. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the oxidizer operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded. **(11/12)**

9. No visible emissions are allowed from the heaters.

10. The hydrogen sulfide ($H_2S$) content of the fuel gas used in the heaters and boilers covered in this permit shall not exceed 0.10 grain per dry standard cubic foot averaged over an one hour period. The permittee shall install and operate one or more continuous $H_2S$ monitoring system(s) in portions of the refinery fuel gas system providing fuel to refinery combustion units. The instrument(s) shall be installed according to the fuel sulfur monitoring specifications set out in 40 CFR § 60.105(a)(4).

11. Heaters and boilers are subject to the requirements identified below:

    A. Records shall be kept and maintained to demonstrate that $NO_x$ emissions from the following combustion units shall not exceed those specified below. **(12/13)**

| EPN | Facility | $NO_x$ lb/MMBtu | $NO_x$ Compliance Method[3] |
|---|---|---|---|
| EP-B-5 | Boiler No. 5 | 0.03[1] | CEMS |
| EP-B-1 | Boiler No. 1 | 0.03[1] | CEMS |
| EP-B-2 | Boiler No. 2 | 0.03[1] | CEMS |
| 39-H-3B | No. 4 Platformer Interheater | 0.025[1] | stack test |
| 39-H-3A | No. 4 Platformer Charge Heater | 0.025[1] | stack test |
| 12-H-1 | FCCU Raw Oil Charge | 0.025[1] | stack test |
| 39-H-7 | No. 4 Platformer Stabilizer Reboiler[4] | 0.035 | |
| 8-H-6 | Crude Charge | 0.025[1] | CEMS |
| Q10-H-1 | SMR Heater | 0.03 | CEMS |
| 8-H-4 | Crude Charge | 0.10 | CEMS |
| 7-H-2 | Coker Charge | 0.06 | CEMS |
| B-4 | West Boiler | 0.03[2] | stack test |
| B-5 | East Boiler | 0.03[2] | stack test |
| QL-10 | Splitter Reboiler Heater | 0.025 | stack test |
| Q11-H-301 | HCU Rx Charge | 0.025 | stack test |
| QH-125 | #2 Reformer Heater A | 0.022 | stack test |
| | #2 Reformer Heater B | 0.022 | |
| | #2 Reformer Heater C | 0.022 | |
| 44-H-1 | DHDS Frac Tower Preheat | 0.035[1] | CEMS |
| 148H-01-02 | Reactor Charge Heater | 0.035[1] | stack test |
| 148H-01-02 | Stripper Reboiler | 0.035[1] | stack test |
| SMR2 | Hydrogen Reformer Heater | 0.035[1] | CEMS |
| 8-H-5 | No. 4 Vacuum Charge Heater | 0.025 | stack test |

1 - Permit limit is 0.035 lb $NO_x$/MMBtu on an hourly averaging period.
2 - Permit limit is 0.030 lb $NO_x$/MMBtu on an hourly averaging period.
3 - Compliance method specified per U.S. EPA Consent Decree SA-05-CA-0569 for the $NO_x$ standard (lb/MMBtu) specified in the table. The Consent Decree standards for units with CEMS are stated in terms of a 365 day rolling average

and in terms of a three hour averaging period for those subject only to a stack test.

4 - This unit is not subject to the EPA consent decree. The $NO_x$ performance standard must be met on an hourly averaging period.

Except as specified in Footnotes 1, 2, and 4, the requirements in the preceding table are from EPA consent decree SA-05-CA-0569.

B. The CO concentration in the exhaust of the GOT charge heater, No. 2 DHT charge heater, No. 2 DHT reboiler, and the No. 2 SMR heater shall not exceed 100 ppmvd on an hourly average. **(4/10)**

12. Upon request by the Executive Director of the TCEQ, the EPA, or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuel(s) utilized in these facilities or shall allow air pollution control agency representatives to obtain a sample for analysis.

**Sulfur Recovery Units (SRUs)**

13. The minimum sulfur recovery efficiency for the sulfur recovery unit and tail gas unit combinations shall be 99.8 percent. The sulfur recovery efficiency shall be determined by calculation as follows:

Efficiency = [(sulfur recovered)(100)] [(sulfur recovered) + (sulfur stack 1) + (sulfur stack 2)]

| | | | |
|---|---|---|---|
| Where: | Efficiency | = | sulfur recovery efficiency, percent |
| | Sulfur Recovered | = | sulfur produced, pound per hour **(lb/hr)** |
| | Sulfur Stack 1 | = | sulfur in incinerator stack 1, lb/hr |
| | Sulfur Stack 2 | = | sulfur in Incinerator stack 2, lb/hr |

14. Acid gas must be routed to a properly operating SRU train. All SRU trains shall normally be operated when acid gas is being produced to maintain the maximum redundant sulfur capacity. In the event that the unit is not operating properly, immediate steps shall be taken to correct the improper operation and shift the acid gas feeds to another fully operational SRU. The Claus Sulfur Recovery Plants are subject to the requirements of 40 CFR Part 60, Subpart J (Consent Decree requirement). **(6/06)**

15. Gases displaced during sulfur loading operations shall be captured and routed to a Scot Tail Gas Incinerator (TGI).

16. The Scot TGI(s) shall be operated with no less than 3.0 percent oxygen ($O_2$) in the incinerator stack and at no less than 1200 F incinerator firebox exit temperature. The incinerator shall achieve a minimum $H_2S$ destruction efficiency of 99.9 percent or a reduced sulfur compound exit concentration of no more than 5 parts per million by volume (ppmv) [corrected to 3 percent excess $O_2$].

17. If stack testing indicates that a higher temperature or $O_2$ concentration is necessary to obtain a minimum $H_2S$ destruction efficiency of 99.9 percent or a 5 ppmv corrected to 3 percent excess $O_2$ reduced sulfur compound exit concentration, then the temperature and $O_2$ maintained during the stack test will become the new minimum operating limits. The $O_2$ and temperature requirements do not apply when performing stack testing on the incinerator.

**Fluid Catalytic Cracking Unit (FCCU)**

18. The opacity of emissions from the FCCU Regenerator/Carbon Monoxide (CO) Boiler Stack (EPN 12-CO-STK) shall not exceed 30 percent averaged over a six-minute period as determined by a trained observer. Allowances for electrostatic precipitator (ESP) rapping and soot blowing are permitted in accordance with 30 TAC § 111.111(a)(1)(E).

19. Per US EPA Consent Decree (CD) SA-05-CA-0569, the maximum allowable concentration of $NO_x$ for the FCCU Regenerator/Carbon Monoxide (CO) Boiler Stack (EPN 12-CO-STK) after December 31, 2008 shall not exceed 140 ppmv (dry, 0% oxygen basis) on a 365 day rolling average. **(02/09)**

20. The non-sulfate, front half particulate matter (PM) emissions from the FCCU Regenerator/CO Boiler Stack (EPN 12-CO-STK) shall not exceed one pound per 1,000 lbs of coke burn-off. **(6/10)**

**Storage and Loading of Volatile Organic Compounds (VOC)**

21. A. These conditions shall not apply (1) where the VOC has an aggregate partial pressure of less than 0.5 psia at the maximum expected operating temperature or (2) to storage tanks smaller than 25,000 gallons.

    B. An internal floating roof (IFR) or equivalent control shall be installed on all tanks.

    C. An open-top tank containing a floating roof which uses double seal or secondary seal technology shall be an approved control alternative to an IFR tank provided the primary seal consists of either a mechanical shoe seal or a liquid-mounted seal and the secondary seal is rim-mounted. A weathershield is not approvable as a secondary seal unless specifically reviewed and determined to be vapor-tight.

    D. For any tank equipped with a floating roof, the integrity of the floating roof seals shall be verified annually and records maintained to describe dates, seal integrity, and corrective actions taken.

    E. The floating roof design shall incorporate sufficient flotation to conform to the requirements of American Petroleum Institute (API) Code 650, Appendix C, or an equivalent degree of flotation except that an internal floating cover need not be designed to meet rainfall support requirements.

F. Uninsulated tank exterior surfaces exposed to the sun shall be white.

G. For purposes of assuring compliance with VOC emission limitations, the holder of this permit shall maintain a monthly emissions record which describes calculated emissions of VOC from all storage tanks and loading operations. The record shall include tank or loading point identification number, control method used, tank or vessel capacity in barrels, name of the material stored or loaded, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit (F), VOC vapor pressure at the monthly average material temperature in psia, VOC throughput for the previous month, and total tons of emissions including controls for the previous month. This record shall be maintained at the plant site for at least two years and be made available to representatives of the TCEQ upon request.

H. Emissions from storage tanks shall be calculated using: (a) AP-42 A Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 7 - Liquid Storage Tanks including Supplement D pages dated September 1997 and (b) the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks." Emissions from loading operations shall be calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 5.2 - Transportation and Marketing of Petroleum Liquids" dated January 1995 and (b) the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations."

**VOC Releases**

22. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration of greater than 1 percent are not authorized by this permit unless authorized on the table entitled "Emission Sources - Maximum Allowable Emission Rates." Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than one weight percent are not consistent with good practice for minimizing emissions.

**Cooling Towers**

23. The VOC associated with cooling tower water shall be monitored monthly utilizing the El Paso method or an air stripping system or equivalent which has been previously approved by the TCEQ. The appropriate equipment shall be maintained so as to minimize fugitive VOC emissions from the cooling tower. Faulty equipment shall be repaired at the earliest opportunity, but no later than the next scheduled shutdown of the process unit in which the leak occurs. The results of the monitoring and maintenance efforts shall be recorded.

**Fugitive Emissions Control**

24. Piping, Valves, Connectors, Pumps, Agitators, and Compressors in Contact with VOC Intensive Directed Maintenance - 28MID

Except as may be provided for in the special conditions of this permit, the following requirements apply to the components in the following EPNs: BTX1-FE, QBTX FE, QNAPSPL FE, and QSULFO-FE.

A. The requirements of paragraphs F and G shall not apply (1) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 psia at 68°F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made available upon request.

The exempted components may be identified by one or more of the following methods:

(1) piping and instrumentation diagram (PID);
(2) a written or electronic database or electronic file;
(3) color coding;
(4) a form of weatherproof identification; or
(5) designation of exempted process unit boundaries.

B. Construction of new and reworked piping, valves, pump systems, agitators, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.

C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by 30 TAC Chapter 115, shall be identified in a list to be made available upon request. The difficult to monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in Subparagraph A above.

E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made

as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period: the line or valve must have a cap, blind flange, plug, or second valve installed; or the permit holder shall verify that there is no leakage from the open-ended line or valve. The open-ended line or valve shall be monitored on a weekly basis in accordance with the applicable NSR permit condition for fugitive emission monitoring except that a leak is defined as any VOC reading greater than background. Leaks must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve. The results of this weekly check and any corrective actions taken shall be recorded.

F. Accessible valves shall be monitored by leak checking for fugitive emissions at least quarterly using an approved gas analyzer with a directed maintenance program. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed weekly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph.

An approved gas analyzer shall conform to requirements listed in Method 21 of 40 CFR Part 60, Appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs are being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

A directed maintenance program shall consist of the repair and maintenance of components assisted simultaneously by the use of an approved gas analyzer such that a minimum concentration of leaking VOC is obtained for each component being maintained. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be maintained. Replaced components shall be re monitored within 15 days of being placed back into VOC service.

G. All new and replacement pumps, compressors, and agitators shall be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. These seal systems need not be monitored and 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.

All other pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly.

H. Damaged or leaking valves, connectors, compressor seals, pump seals, and agitator seals 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. Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 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. 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(c)(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(c)(1)(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.

I. In lieu of the monitoring frequency specified in paragraph F, valves in gas and light liquid service may be monitored on a semiannual basis if the percent of valves leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.

Valves in gas and light liquid service may be monitored on an annual basis if the percent of valves leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.

If the percent of valves leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in this paragraph.

J. The percent of valves leaking used in paragraph I shall be determined using the following formula:

$$(Vl + Vs) \times 100/Vt = Vp$$

Where:

Vl = the number of valves found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.

Vs = the number of valves for which repair has been delayed and are listed on the facility shutdown log.

Vt = the total number of valves in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including nonaccessible and unsafe to-monitor valves.

Vp = the percentage of leaking valves for the monitoring period.

K. 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.

L. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable NSPS, or an applicable National Emission Standard for Hazardous Air Pollutants and does not constitute approval of alternative standards for these regulations. **(6/10)**

25. Piping, Valves, Connectors, Pumps, Agitators, and Compressors - 28VHP

Unless monitored per Special Condition No. 24, the following requirements apply to components in EPNs QREF2-FE, SULF01-FE, TKFMEPN-FE, and TKFMQPN-FE.

A. These conditions shall not apply (1) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 psia at 68°F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

The exempted components may be identified by one or more of the following methods:

(1) piping and instrumentation diagram (PID);
(2) a written or electronic database or electronic file;
(3) color coding;
(4) a form of weatherproof identification; or
(5) designation of exempted process unit boundaries.

B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.

C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe to monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe to monitor times. A difficult to monitor component for which quarterly monitoring is specified may instead be monitored annually.

E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made

as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period: the line or valve must have a cap, blind flange, plug, or second valve installed; or the permit holder shall verify that there is no leakage from the open-ended line or valve. The open-ended line or valve shall be monitored on a weekly basis in accordance with the applicable NSR permit condition for fugitive emission monitoring except that a leak is defined as any VOC reading greater than background. Leaks must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve. The results of this weekly check and any corrective actions taken shall be recorded.

F. Accessible valves shall be monitored by leak checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed weekly and recorded in the unit log or equivalent. Pressure sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR Part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs are being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

Replacements for leaking components shall be re-monitored within 15 days of being placed back into VOC service.

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. Records of the first attempt to repair shall be maintained.

I. Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 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(c)(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(c)(1)(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. **(6/10)**

26. Piping, Valves, Connectors, Pumps, and Compressors in VOC Service - 28VHP

Unless monitored per Special Condition Nos. 24, 25, or 28, the following requirements apply to the equipment authorized by this permit:

A. These conditions shall not apply (1) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 psia at 68°F or (2) to piping and valves two inches nominal size and smaller or (3) operating pressure is at least 5 kilopascals (0.725 pound per square inch [psi]) below ambient pressure. Equipment excluded from this condition shall be identified in a list to be made available upon request.

B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), API, American Society of Mechanical Engineers (ASME), or equivalent codes.

C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical.

D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak checking during plant operation. Non-accessible valves, as defined by 30 TAC Chapter 115, shall be identified in a list to be made available upon request.

E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. No later than the next scheduled quarterly monitoring after initial installation or replacement, all new or reworked connections shall be gas-tested or

hydraulically-tested at no less than normal operating pressure and adjustments made as necessary to obtain leak free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve. Except during sampling, the second valve shall be closed.

F. Accessible valves shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

An approved gas analyzer shall conform to requirements listed in 40 CFR § 60.485(a)-(b).

Replaced components shall be re-monitored within 15 days of being placed back into VOC service.

G. Except as may be provided for in the special conditions of this permit, all pump and compressor 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 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 and compressor 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.

I. Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 15 days after the leak is found. If the repair of a

component would require a unit shutdown, 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. At the discretion of the TCEQ Executive Director or designated representative, early unit shutdown or other appropriate action may be required based on the number and severity of tagged leaks awaiting shutdown.

J. The results of the required fugitive instrument monitoring and maintenance program shall be made available to the TCEQ Executive Director or designated representative upon request. Records shall indicate appropriate dates, test methods, instrument readings, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of physical inspections are not required unless a leak is detected.

K. Alternative monitoring frequency schedules of 30 TAC §§ 115.352 through 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 NSPS, or an applicable NESHAPS, and does not constitute approval of alternative standards for these regulations. **(6/10)**

27. In addition to the weekly physical inspection required by Item E of Special Condition Nos. 24.E and 25.E, all accessible valve connectors in gas\vapor and light liquid service shall be monitored quarterly with an approved gas analyzer in accordance with Items F through J of Special Condition Nos. 24 and 25. (28CNTQ)

A. Connectors may be monitored on a semiannual basis if the percent of connectors leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.

Connectors may be monitored on an annual basis if the percent of connectors leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.

If the percent of connectors leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in this paragraph.

B. The percent of connectors leaking used in paragraph A shall be determined using the following formula:

$$(Cl + Cs) \times 100/Ct = Cp$$

Where:

Cl = the number of connectors found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.

Cs = the number of connectors for which repair has been delayed and are listed on the facility shutdown log.

Ct = the total number of connectors in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including nonaccessible and unsafe-to-monitor connectors.

Cp = the percentage of leaking connectors for the monitoring period. **(6/10)**

28. Process Piping, Valves, Pumps, and Compressors in $H_2S$, Ammonia, and Hydrogen Fluoride (HF) Service –AVO

This condition shall apply to all process streams with greater than 2 weight percent $H_2S$ or ammonia, and all process streams with greater than 0.5 weight percent HF.

A. Audio, olfactory, and visual checks for $H_2S$, ammonia, and HF leaks within the operating area shall be made once a shift.

B. Immediately, but no later than one hour upon detection of a leak, plant personnel shall take the following actions:

(1) Isolate the leak.

(2) Commence repair or replacement of the leaking component.

(3) If immediate repair is not possible, a leak collection or containment system will be used to prevent or minimize the leak or the facility shall be shutdown in an orderly manner until repair or replacement can be made. Containment can include adjustment of bolts, fittings, packing glands, and pump or compressor seals to contain the leak.

Records shall be maintained of all inspections, leaks noted, repairs, and replacements made. **(6/10)**

## Compliance Testing

29. The holder of this permit shall perform stack sampling or other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from all heaters and boilers with firing rates greater than 40 MMBtu/hr and less than 100 MMBtu/hr, FCCU Regenerator/CO Boiler (EPN 12-CO-STK), Scot TGIs

(EPNs SRU1-INCIN and SRU2-INCIN), No. 2 Reformer Regeneration Vent (EPNREF2 V1), No. 4 Platformer Regeneration Vent (EPN REF4-V1), FIN V116T202 vent to splitter heater, FIN V154T010 vent to splitter heater, Marine Loading Thermal Oxidizer (EPN TO-3), and Truck and Railcar Thermal Oxidizer (EPN TO-2). Sampling shall be performed upstream and downstream of the SMR condensate stripper vent condensor to demonstrate compliance with Special Condition No. 41. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at their expense.

A. The appropriate TCEQ Regional Office in the region where the source is located shall be contacted as soon as testing is scheduled but not less than 30 days prior to sampling to schedule a pretest meeting.

The notice shall include:

(1) Date for pretest meeting.
(2) Date sampling will occur.
(3) Name of firm conducting sampling.
(4) Type of sampling equipment to be used.
(5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports.

A written proposed description of any deviation from sampling procedures specified in permit conditions or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director shall approve or disapprove of any deviation from specified sampling procedures.

Requests to waive testing for any pollutant specified in B of this condition shall be submitted to the TCEQ Office of Permitting, Remediation, and Registration, Air Permits Division. Test waivers and alternate or equivalent procedure proposals for NSPS testing which must have the EPA approval shall be submitted to the TCEQ Regional Office.

B. Air contaminants to be tested for include (but are not limited to) the following for the various units:

(1) Heaters and boilers - $NO_x$ and CO;

(2) FIN V116T202 and FIN V154T010 - VOC;

(3) FCCU Regenerator/CO Boiler - PM (both front and back-half of the sampling train);

(4) Scot TGIs - $NO_x$, CO, PM (both front and back-half of the sampling train), and total reduced sulfur;

(5) No. 2 Reformer Vent and No. 4 Platformer Caustic Scrubber Vent- HCl and Cl;

(6) Thermal oxidizers - VOC, $NO_x$, and CO; and

(7) SMR condensate stripper vent condensor – methanol.

C. Sampling of air contaminants not monitored by continuous emission monitoring system (CEMS) or predictive emission monitoring system (PEMS) as previously outlined shall occur as follows:

(1) For the No. 2 Reformer Regeneration Vent (EPN REF2-V1), at the first regeneration cycle following issuance of the flexible permit.

(2) For the No. 4 Platformer Regeneration Vent (EPN REF4-V1), within 180 days of the installation of the caustic scrubber pursuant to the emission reduction conditions section of these conditions.

(3) For heaters/boilers, compressor engines, and the SMR condensate stripper vent condensor, each emission point shall be sampled within 60 days of achieving maximum operation, not to exceed 180 days after initial operation, if a physical change has been made, such as the installation of new burners in a heater or boiler, or if an operational change has been made allowing emissions to increase more than 10 percent greater than determined by the last stack sample. For the FCCU Regenerator/CO Boiler, Scot TGIs, and thermal oxidizers, each emission point shall be sampled by May 15, 2005.

(4) For the Complex 6 West and East Boilers (EPNs B-4 and B-5), no later than March 31, 2009 to determine $NO_x$ contributions and compliance with the $NO_x$ emissions cap. Stack sampling shall again be conducted within 60 days of the installation of low $NO_x$ burners as directed in Special Condition No. 63. **(11/12)**

(5) For FIN V116T202 and FIN V154T010, the benzene in the exhaust of these refrigeration units to the respective heater, EPNS Q3-H-4 and QL 10, and the benzene from the heater exhaust to demonstrate a 99 percent destruction efficiency. The sampling shall be within 60 days of achieving maximum operation, not to exceed 180 days after initial operation.

(6) Each emission point subject to testing pursuant to this special condition shall be sampled at least every five years.

(7) As may be required by the Executive Director of the TCEQ.

Requests for additional time to perform sampling shall be submitted to the TCEQ Corpus Christi Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires the EPA approval, and requests shall be submitted to the TCEQ Regional Office.

D. Each emission point subject to stack emission testing shall be tested when the facility (or facilities) directly associated with the emission point is operating at maximum emissions potential. For many types of facilities, this maximum emissions potential will occur at the maximum production, throughput, or firing rate associated with that facility. Primary operating parameters that enable determination of maximum emissions potential shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the plant is unable to operate at maximum emissions potential during testing, then future operations may be limited based on the rates established during testing. Additional stack testing may be required when operating rates with higher emissions potential are achieved.

The No. 4 Platformer Splitter and the No. 2 Reformer Splitter shall be operated to achieve the maximum purge gas when sampling FIN V116T202 and FIN V154T010, and the respective heater. The exhaust gas temperature, flow rate and any other primary operating parameters that affect the emission rate shall be monitored and recorded during the stack test. Any additional parameters shall be determined at the pretest meeting and shall be stated in the sampling report. Permit conditions and parameter limits may be waived during stack testing performed under this condition if the proposed condition/parameter range is identified in the test notice specified in paragraph A and accepted by the TCEQ Regional Office. Permit allowable emissions and emission control requirements are not waived and still apply during stack testing periods. During subsequent operations, if the splitter purge flow rate is greater than that recorded during the test period, stack sampling shall be performed at the new operating conditions within 120 days. This sampling may be waived by the TCEQ Air Section Manager for the region.

E. Copies of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Requests for additional time to submit the final sampling report shall be submitted to the TCEQ Corpus Christi Regional Office. Sampling reports shall comply with the attached conditions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the TCEQ Corpus Christi Regional Office. **(12/10)**

## Continuous Determination Of Compliance

30. The holder of this permit shall install, calibrate, and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity from the FCCU

Regenerator/CO Boiler (EPN 12-CO-STK) and shall install, calibrate, and maintain CEMS to measure and record CO, $NO_x$, and $O_2$ from the heaters and boilers with firing rates greater than 100 MMBtu/hr; $SO_2$ and $O_2$ from the SRU Scot TGIs (EPNs SRU1-INCIN and SRU2-INCIN); $NO_x$, CO, $O_2$, and $SO_2$ from the FCCU Regenerator/CO Boiler (EPN 12-CO-STK); and $H_2S$ from the Complex 8 fuel gas drum. Any monitoring systems not in operation on November 18, 2004 shall be operational as follows: each COMS/CEMS shall be operational within 60 days of achieving maximum operation, not to exceed 180 days after initial operation, after physical changes have been made, such as the installation of new burners in a combustion unit or the construction of platforms and ladders for access, not to exceed November 18, 2008. The monitoring system shall meet either the following section of "Requirements for COMS/CEMS," or the section "Requirements for PEMS," as applicable.

A. Requirements for COMS/CEMS:

(1) Each COMS/CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification Nos. 1 through 7, 40 CFR Part 60, Appendix B. If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, contact the TCEQ Compliance Support Division in Austin for requirements to be met.

(2) Each system shall be zeroed and spanned daily and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in 40 CFR Part 60, Appendix B or as specified by the TCEQ if not specified in Appendix B. Zero and span is not required on weekends and plant holidays if instrument technicians are not normally scheduled on those days, unless the monitor is required by a subpart of NSPS or NESHAPS, in which case zero and span shall be done daily without exception.

Each monitor shall be quality-assured at least quarterly in accordance with 40 CFR Part 60, Appendix F, Procedure 1, 5.1.2. Cylinder Gas Audits (CGAs) conducted in all four calendar quarters may be used in lieu of relative accuracy test audits (RATA) for non-NSPS sources and for NSPS sources not subject to 40 CFR Part 60, Appendix F.

(3) The COMS monitoring data shall be reduced to six-minute average opacity at least once weekly, using a minimum of six equally-spaced data points for each minute. The CEMS monitoring data shall be reduced to hourly average concentrations at least once weekly, using a minimum of four equally spaced data points from each one-hour period. The individual average concentrations from each CEMS shall be reduced to units of the permit allowable emission rate in lbs/hr at least once every week and cumulative tons per year on a 12 month rolling average at least once every month.

(4) All monitoring data and quality-assurance data shall be maintained by the source for a period of two years and shall be made available to the TCEQ Executive Director or his designated representative upon request. The data from the COMS or CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.

(5) All CGA exceedances of 15 percent accuracy and COMS or CEMS downtime shall be reported in Semiannual Excess Emission Reports. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director.

(6) For NSPS sources subject to Appendix F, the appropriate TCEQ Regional Office shall be notified at least 30 days prior to each annual RATA in order to provide them the opportunity to observe the testing.

B. Requirements for PEMS.

(1) A PEMS may be used for demonstrating continuous compliance if it can be proven to have the same or better accuracy, precision, reliability, accessibility, and timeliness as that provided by a hardware CEMS. All PEMS shall be subject to the approval of the TCEQ Executive Director. Owners or operators must petition the TCEQ Executive Director for approval to use PEMS. The petition must include results of tests conducted beforehand to demonstrate equivalent accuracy and precision of PEMS to that of hardware CEMS. Demonstrating equivalency of PEMS to CEMS shall be met by instantaneously comparing data collected by PEMS with that collected by a certified hardware CEMS or an EPA reference method. For a PEMS replacing a CEMS, both systems shall remain in place for at least an operating quarter collecting valid information before the CEMS is removed.

(2) For any unit at which the PEMS is installed, PEMS initial certification by the TCEQ shall occur while the unit is firing its primary fuel. The owner or operator shall:

(a) Conduct relative accuracy testing for $NO_x$, $O_2$, or carbon dioxide ($CO_2$), and CO per 40 CFR Part 60, Appendix B, Performance Specifications 2, 3, and 4, respectively, at low, medium, and high levels of the most significant operating parameter affecting $NO_x$ emissions.

(b) Conduct statistical test analysis at low, medium, and high levels of the most significant operating parameter affecting $NO_x$ emissions. A minimum of 30 successive paired data points which are either 15 minute averages, 20 minute averages, or hourly averages must be collected at each tested level before a reliable statistical test can be performed.

Data collection must be continuous at all times except when calibration of the reference method must be conducted for the purpose of collecting data for RATA.

The following three tests must be conducted to demonstrate precision:

(i) A T-test for bias per Appendix A, 40 CFR § 75.76. The test shall be conducted using all paired data points collected at all three tested levels.

(ii) (ii) An F-test per 40 CFR § 75.41(c)(1). The F-test must be conducted separately at the three tested levels.

(iii) (iii) A correlation analysis per 40 CFR § 75.41(c)(2). Calculation of the correlation coefficient (Equation 27) shall be performed using all paired data points collected at all three tested levels.

(c) For either $NO_x$ or CO and for the purpose of conducting an F test, if the standard deviation (SD) of the reference method is less than either 3 percent of the span or 5 parts per million (ppm), use a reference method SD of the greater of 5 ppm or 3 percent of span.

(d) For diluent $CO_2$ or $O_2$ and for the purpose of conducting an F-test, if the SD of the reference method is less than 3 percent of span, use a reference method SD of 3percent of span.

(e) For either $NO_x$ or CO and at any one tested level, if the mean value of the reference method is less than either 10 ppm or 5 percent of the standard, all statistical tests are waived for that emission parameter at that specific tested level.

(f) For either $O_2$ or $CO_2$ and at any one tested level, if the mean value of the reference method is less than 3 percent of span, all the statistical tests are waived for that diluent parameter at that specific tested level.

(3) The monitoring data shall be reduced to hourly average concentrations at least once every day, using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emission rate in lbs/hr at least once every day and cumulative TPY on a 12-month rolling average at least once every month.

(4) All monitoring data and quality-assurance data shall be maintained by the permit holder for a period of two years and shall be made available to the TCEQ Executive Director or his designated representative upon request.

(5) Any PEMS downtime shall be reported to the appropriate TCEQ Regional Director within three days of any downtime, and necessary corrective action shall be taken. Owners or operators shall demonstrate that all missing data can be accounted for in accordance with the applicable missing data procedures of 40 CFR Part 75, Subpart D. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director.

(6) The appropriate TCEQ Regional Office shall be notified at least 30 days prior to each annual RATA in order to provide them the opportunity to observe the testing.

(7) The owner or operator shall perform daily sensor validation. The owner or operator shall develop and implement plans that will ensure proper functioning of the monitoring systems, ensure proper accuracy and calibration of all operational parameters that affect emissions and serve as input to the predictive monitoring system, and ensure continuous operation within the certified operating range.

(8) In accordance with the procedure of 2.3.1, Appendix B of 40 CFR Part 60, a RATA must be performed every six months for each unit while firing its primary fuel. A RATA may be performed annually if the relative accuracy of the previous audit is 7.5 percent or less.

(9) For each of the three successive quarters following the quarter in which initial certification was conducted, RATA and statistical testing must be conducted for at least one unit in a category of units in accordance with the procedures outlined for initial certification under Section B.

(10) Any RATA exceeding 20 percent or statistical test exceeding the applicable standard shall be reported to the appropriate TCEQ Regional Director, and necessary corrective action shall be taken.

(11) When an alternative fuel is fired in a unit, PEMS must be re-certified in accordance with the certification procedures outlined for initial certification under Section B. Owners or operators may justify to the satisfaction of the TCEQ Executive Director that slight changes in fuel composition do not constitute an alternative fuel. No additional recertification procedures are required if the unit meets the current monitoring requirements when switching back to the normal fuel from an alternate fuel.

(12) The system is required to provide valid emission predictions for at least 95 percent of the time that the unit being monitored is operated. The following rules for tuning without recertification shall be followed:

(a) The model did not change fundamentally.

(b) The model continues to operate within the initially certified operating ranges.

Otherwise, the system must be recertified. Any tuning must be documented, and the records must be made available during any future inspection.

(13) All owners or operators shall develop a quality-assurance plan or manual that insures continuous and reliable performance of the PEMS. As part of the plan, owners or operators shall recommend a frequency for calibrating each sensor whose readout serves as an input to the model. All sensors, at a minimum, shall be calibrated as often as recommended by the manufacturer.

C. The Complex 6 West and East Boilers (EPNs B-4 and B-5) are exempt from this condition provided that the firing rate of each boiler remains under 100 MMBtu/hr. **(12/10)**

31. The continuous monitoring data will be used to determine violations of the limitations in this permit. For purposes of enforcement, the following averaging periods shall be utilized:

| **Pollutant** | **Averaging Period** |
|---|---|
| $SO_2$ | 1.0 hour |
| CO | 1.0 hour |
| $H_2S$ | 1.0 hour |
| Opacity | 6.0 minutes |
| $NO_x$ | 1.0 hour |

**Emission Reduction Conditions**

32. The following tank upgrades shall be completed before handling additional benzene concentrates following the completion of the MSAT II project.

A. Rim mounted secondary seals shall be installed on Internal Floating Roof Tanks 73, 111, 112, 152, 201, and 323.

B. A roof shall be installed on Tank 331.

C. Mechanical shoe primary and rim mounted secondary seals shall be installed on the floating roof for Tank 356.

D. The vents on Tank 201 shall be routed to TO-2. **(6/10)**

**Emission Cap Compliance Recordkeeping**

33. Recordkeeping programs for those facilities authorized by the permit shall be established and maintained such that the ability to demonstrate compliance with all authorized emission caps (short-term and annual) is ensured. Records of all compliance testing, COMS/CEMS/PEMS results, and process parameters necessary to demonstrate compliance with the emission rate caps shall be maintained on-site.

Emissions calculations for verifying compliance with the emission caps shall be performed at least once every month to demonstrate compliance with the annual rolling average requirement. The holder of this permit shall maintain all records necessary to demonstrate compliance with the short-term **(lb/hr)** and annual TPY emissions cap and provide such demonstration of compliance to the TCEQ Corpus Christi Regional Office upon request.

The emissions shall be determined using the following techniques:

Fugitive:
Component counts using the emission factors and method specified in the permit application.

Cooling Towers:
Measured strippable VOC concentration (as specified in these conditions) and the cooling tower circulation rate.

Tanks:
As specified in these conditions.

Heaters/Boilers:
If a CEMS or PEMS is installed, as specified in those conditions. If stack tested, using the most recent stack test result and recorded firing rate for the period. If no sampling is required, using the emission factor in the flexible permit application and the recorded firing rate for the period.

Loading:
Emissions from control devices shall be determined using the emission factor determined through testing and the volume loaded. The manufacturer's guaranteed emission factor may be used if the most recent stack testing has verified that factor.

Emissions from loading operations shall be calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 5.2 - Transportation and Marketing of Petroleum Liquids" dated January 1995 and (b) the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations."

SRU and FCCU Regenerator/CO Boiler:
CEMS or PEMS if they are installed. If stack tested, using the most recent stack test result and recorded operating rate for the period. If no sampling is required, using the emission factor in the flexible permit application and the average value of the appropriate operating parameter for the period.

Wastewater:
The wastewater volume processed and emission factors consistent with emission calculations represented in the flexible permit application.

No. 4 Platformer Splitter and No. 2 Reformer Splitter purge gas from flare:
Results from the most recent sample completed per Special Condition No. 29.

Maintenance, Startup, and Shutdown:
As identified in Special Condition 43.

SMR Condensate Stripper Vent:
Results from the most recent stack test.

These and all other records required by any previous condition of this permit shall be made available to the TCEQ Executive Director or his representative upon request. **(9/10)**

## Permit References

34. The permit holder shall maintain a copy of the effective permit at the site together with complete copies of all confidential documents that are referenced in the above permit conditions as attachments. The permit and attachments shall be made available to TCEQ personnel at the site upon request.

## HF Control Measures

35. The HF detection paint shall be used on all potential fugitive sources and possible leak sites. Locations with HF detection paint shall be inspected every shift during the audio, visual, and olfactory checks required in the HF AVO condition. If leaks are detected, corrective action shall be taken immediately as described in that condition. If there is a problem with HF sensitive paint availability, the holder of this permit shall notify the TCEQ Corpus Christi Regional Office and request additional time for painting or request alternate leak detection methods pending availability of the HF sensitive paint. **(12/10)**

36. In the event of an HF release which may have the potential for off-site impacts, the holder of this permit shall implement the procedures outlined in the emergency response plans.

37. There shall be no overhead work in the HF process unit where equipment is being lifted over unprotected vessels or lines without first completing a safe work checklist in accordance with Occupational Safety and Health Administration Process Safety Management rules. The safe work checklist shall be used to ensure that every effort is made to minimize the potential for an accident that would result in loss of integrity of HF containing equipment.

    The holder of this permit is required to notify the TCEQ Corpus Christi Regional Office no less than eight hours prior to conducting work over unprotected vessels or lines containing more than 5 percent by weight HF. Written notification shall be provided within 30 days of the date of the activity.

**Miscellaneous**

38. The quantity of benzene concentrate (heartcut) imported to the Valero East Refinery shall not exceed 18,200 BPD on a 30 day rolling average basis.

    The temperature of the No. 4 Platformer Splitter and the No. 2 Reformer Splitter purge gas exiting the refrigeration unit and going to the respective heaters, EPNs QL-10 and Q3 H 4, shall not exceed 55°F on an hourly average prior to the initial stack test required by Special Condition No. 28. Following the stack test, the temperature shall not exceed that maintained during the last satisfactory stack test. Emissions from this source shall be determined by using the stack test results and TCEQ flare emission factors.

    The refrigeration unit exhaust gas temperature shall be continuously monitored and recorded when the either splitter is operating. The temperature measurement device shall reduce the temperature readings to an averaging period of six minutes or less and record it at that frequency. The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±0.75 percent of the temperature being measured expressed in degrees Celsius or ±2.5°C. **(6/10)**

39. This permit authorizes emissions from flares (EPNs WP-FLARE1, HCU-FL1, REF2-FL1, and EP-FLARE1) for the following planned maintenance, start-up, and shutdown activities:

    Coker Unit drums start-up and shutdown
    Scheduled routine maintenance on the hydrogen compressors
    Scheduled maintenance and start-up of the KOH treaters

    These emissions are subject to the MSS emission caps indicated on the maximum allowable emission rates table (MAERT). The performance of these activities and the

emissions associated with each shall be recorded and the rolling 12 month emissions shall be updated on a monthly basis. **(9/10)**

40. Flares shall be operated in accordance with the New Source Performance Standards for Petroleum Refineries, 40 CFR Part 60 Subpart J as specified in their consent decree with EPA. Valero shall submit a permit alteration to lower the applicable emission cap(s) within 90 days of completing physical or operational changes to reduce sulfur concentrations in a flare header. **(06/06)**

41. The SMR stripper vent condenser shall collect 98 percent of the methanol in the stripper vent on an hourly averaging period. The stripper exhaust gas temperature shall be maintained below 115°F prior to the first satisfactory stack sample and below that maintained during the most recent stack sample following the initial stack test.

    The condenser exhaust gas temperature shall be continuously monitored and recorded when the stripper is operating. The temperature measurement device shall reduce the temperature readings to an averaging period of six minutes or less and record it at that frequency. The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±0.75 percent of the temperature being measured expressed in degrees Celsius or ±2.5°C. **(6/06)**

**Maintenance, Startup, and Shutdown (MSS)**

42. This permit authorizes emissions from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on the MAERT table and other requirements specified in the special conditions.

    Planned startup and shutdown emissions due to the activities identified in MSS Special Condition No. 43 are authorized from facilities and emission points identified in Attachment 1 and COGEN-1 and COGEN-2 authorized by Permit Number 9344 provided the facility and emissions are compliant with the routine emission caps and Special Condition No. 53 of this permit. **(9/10)**

43. This permit authorizes the emissions for the planned maintenance, startup, and shutdown (MSS) activities summarized Special Condition No. 39 and in the MSS Activity Summary (Attachment 4) attached to this permit. This permit also authorizes emissions from the following temporary facilities used to support planned MSS activities at permanent site facilities: frac tanks, containers, vacuum trucks, facilities used for painting or abrasive blasting, portable control devices identified in Special Condition No. 54, and controlled recovery systems. Emissions from temporary facilities are authorized provided the temporary facility (a) does not remain on the plant site for more than 12 consecutive months, (b) is used solely to support planned MSS activities at the permanent site facilities listed in Attachment 1, and (c) does not operate as a replacement for an existing authorized facility.

Attachment 2 identifies the inherently low emitting MSS activities that may be performed at the refinery. Emissions from activities identified in Attachment 2 shall be considered to be equal to the potential to emit represented in the permit application. The estimated emissions from the activities listed in Attachment 2 must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

Routine maintenance activities, as identified in Attachment 3 may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment 3 shall be calculated using the number of work orders or equivalent that month and the emissions associated with that activity identified in the permit application.

The performance of each planned MSS activity not identified in Attachments 2 or 3 and the emissions associated with it shall be recorded and include at least the following information:

A. The process unit at which emissions from the MSS activity occurred, including the emission point number and common name of the process unit;

B. The type of planned MSS activity and the reason for the planned activity;

C. The common name or the facility identification number, if applicable, of the facilities at which the MSS activity and emissions occurred;

D. The date on which the MSS activity occurred;

E. The estimated quantity of each air contaminant, or mixture of air contaminants, emitted with the data and methods used to determine it. The emissions shall be estimated using the methods identified in the permit application, consistent with good engineering practice.

All MSS emissions shall be summed monthly and the rolling 12-month emissions shall be updated on a monthly basis. **(9/10)**

44. Process units and facilities, with the exception of those identified in Special Condition Nos. 46 (related to Floating Roof Tanks), 48 (related to Fixed Roof Tanks), 50 (related to frac or temporary tanks), and activities listed in Attachment 2, shall operate in accordance with the following requirements during MSS.

A. The process equipment shall be depressurized to a control device or a controlled recovery system prior to venting to atmosphere, degassing, or draining liquid. Equipment that only contains material that is liquid with VOC true vapor pressure (TVP) less than 0.50 psi at the normal process temperature and 95°F may be opened to atmosphere and drained in accordance with paragraph C of this special condition without depressuring or degassing to a control device. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.

B. If mixed phase materials must be removed from process equipment, the cleared material shall be routed to a knockout drum or equivalent to allow for managed initial phase separation. If the VOC TVP is greater than 0.50 psi at either the normal process temperature or 95°F, any vents in the system must be routed to a control device or a controlled recovery system. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded. Control must remain in place until degassing has been completed or the system is no longer vented to atmosphere.

C. All liquids from process equipment shall be removed to the maximum extent practical prior to opening equipment to commence degassing and/or maintenance. Liquids with a VOC partial pressure greater than or equal to 0.044 psia at 68°F shall be drained into a closed vessel or controlled oily water system unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid shall be covered or transferred to a covered vessel within one hour of being drained. After draining is complete, empty open pans may remain in use for housekeeping reasons to collect incidental drips.

D. If the VOC TVP is greater than 0.50 psi at the normal process temperature or 95°F, facilities shall be degassed using good engineering practice to ensure air contaminants are removed from the system through the control device or controlled recovery system to the extent allowed by process equipment or storage vessel design. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.

The following requirements do not apply to fugitive components, pumps, compressors.

(1) For MSS activities identified in Attachment 3, the following option may be used in lieu of (2) below. The facilities being prepared for maintenance shall not be vented directly to atmosphere, except as necessary to verify an acceptable VOC concentration and establish isolation of the work area, until the VOC concentration has been verified to be less than 10 percent of the lower explosive limit (LEL) per the site safety procedures.

(2) The locations and/or identifiers where the purge gas or steam enters the process equipment or storage vessel and the exit points for the exhaust gases shall be recorded (PFD's, P&ID's, or Turnaround and Inspection [T&I] plans may be used to demonstrate compliance with the requirement). Documented refinery procedures used to deinventory equipment to a control device for safety purposes (i.e., hot work or vessel entry procedures) that achieve at least the same level of purging may be used in lieu of the above. If the process equipment is purged with a gas, purge gas must have passed through the control device or controlled recovery system for a sufficient period of time in accordance with the applicable site operating procedures before the vent stream may be

sampled to verify acceptable VOC concentration prior to uncontrolled venting. The VOC sampling and analysis shall be performed using an instrument meeting the requirements of Special Condition No. 45. The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged. The facilities shall be degassed to a control device or controlled recovery system until the VOC concentration is less than or equal to 10,000 ppmv or 10% of the LEL.

(3) Alternatively, the process equipment may filled with a liquid with a VOC vapor pressure less than 0.147 psi while venting to control. If it can be verified that the liquid filled the entire process equipment or vessel, no sampling is necessary. If not, the VOC concentration shall be verified to be less than 10,000 ppmv or 10 percent of the LEL using an instrument meeting the requirements of Special Condition No. 45 while purging to control immediately after draining the liquid from the system. The locations and/or identifiers where the liquid enters the process equipment or storage vessel and the exit points for the exhaust gases shall be recorded (PFDs, P&IDs, or T&I plans may be used to demonstrate compliance with the requirement).

E. Equipment containing materials with VOC TVP greater than 0.50 psi may be vented directly to atmosphere if all the following criteria are met:

(1) It is not technically practicable to depressurize or degas, as applicable, into the process.

(2) There is not an available connection to a plant control system (flare).

(3) There is no more than 50 lb of air contaminants to be vented to atmosphere during shutdown or startup, as applicable.

All instances of venting directly to atmosphere per MSS Special Condition No.44. E must be documented when occurring as part of any MSS activity. The emissions associated with venting without control must be included in the work order, shift logs, or equivalent for those planned MSS activities identified in Attachment 3. **(9/10)**

45. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below.

A. VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR Part 60, Appendix A) with the following exceptions:

(1) The instrument shall be calibrated within 24 hours of use with a calibration gas. The calibration gas used and its concentration, and the vapor to be sampled and its approximate response factor (RF), shall be recorded. If the RF of the VOC (or mixture of VOCs) to be monitored is greater than 2.0, the VOC concentration shall be determined as follows:

VOC Concentration = Concentration as read from the instrument*RF

(2) Sampling shall be performed as directed by this permit in lieu of Section 8.3 of Method 21. During sampling, data recording shall not begin until after two times the instrument response time. The date and time shall be recorded, and VOC concentration shall be monitored for at least five minutes and the greatest VOC concentration recorded. This VOC concentration shall not exceed the specified VOC concentration limit prior to uncontrolled venting.

(3) If a TVA-1000 series FID analyzer calibrated with methane is used to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppmv as VOC.

B. Colorimetric gas detector tubes may be used to determine air contaminant concentrations if they are used in accordance with the following requirements.

(1) The air contaminant concentration measured is less than 80 percent of the range of the tube. If the maximum range of the tube is greater than the release concentration defined in (3), the concentration measured is at least 20 percent of the maximum range of the tube.

(2) The tube is used in accordance with the manufacturer's guidelines.

(3) At least 2 samples taken at least 5 minutes apart must satisfy the following prior to uncontrolled venting:

measured contaminant concentration (ppmv) < release concentration.

Where the release concentration is:

10,000*mole fraction of the total air contaminants present that can be detected by the tube.

The mole fraction may be estimated based on process knowledge. The release concentration and basis for its determination shall be recorded.

Records shall be maintained of the tube type, range, measured concentrations, and time the samples were taken.

C. Lower explosive limit measured with a lower explosive limit detector.

(1) The detector shall be calibrated monthly with a certified pentane gas standard at 25% of the lower explosive limit (LEL) for pentane. Records of the calibration date/time and calibration result (pass/fail) shall be maintained.

(2) A daily functionality test shall be performed on each detector using the same certified gas standard used for calibration. The LEL monitor shall read no lower than 90% of the calibration gas certified value. Records, including the date/time and test results, shall be maintained.

(3) A certified methane gas standard equivalent to 25% of the LEL for pentane may be used for calibration and functionality tests provided that the LEL response is within 95% of that for pentane.

D. For measuring benzene breakthrough on Carbon Adsorption Systems in Special Condition No. 54.A(4), a portable gas chromatograph using a flame ionization detector or photo ionization detector may be used. Alternatively a photo-ionization detector equipped with a benzene separation tube consistent with manufacturer requirements may be used. The monitor shall have the sensitivity and specificity to quantify low level benzene concentrations. The monitor device shall be calibrated within 24 hours of use with a certified calibration gas containing ~5 ppm benzene. Records of the calibration date/time and calibration result shall be maintained. **(9/10)**

46. Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period:

A. a cap, blind flange, plug, or second valve must be installed on the line or valve; or

B. the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once at the end of the 72 hour period following the creation of the open ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings 20 ppmv above background and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve. **(9/10)**

47. This permit authorizes emissions from the storage tanks identified in Attachment 1 during planned floating roof landings. Tank floating roofs may only be landed for changes of tank service or tank inspection/maintenance as identified in the permit

application, except when the VOC vapors below the floating roof are routed to a control device or a controlled recovery system while the roof is landed. Tank change of service includes landings to accommodate seasonal RVP spec changes and landings to correct off-spec material that cannot be blended into finished product tanks. Emissions from change of service tank landings shall not exceed 10 tons of VOC in any rolling 12 month period. Tank roof landings include all operations when the tank floating roof is on its supporting legs. These emissions are subject to the maximum allowable emission rates indicated on the MAERT. The following requirements apply to tank roof landings.

A. The tank liquid level shall be continuously lowered after the tank floating roof initially lands on its supporting legs until the tank has been drained to the maximum extent practicable without entering the tank. Liquid level may be maintained steady for a period of up to two hours if necessary to allow for valve lineups and pump changes necessary to drain the tank. This requirement does not apply where the vapor under a floating roof is routed to control during this process.

B. If the VOC TVP of the liquid previously stored in the tank is greater than 0.50 psi at 95°F, tank refilling or degassing of the vapor space under the landed floating roof must begin within 24 hours after the tank has been drained. Floating roof tanks with liquid capacities less than 100,000 gallons may be degassed without control if the VOC TVP of the standing liquid in the tank has been reduced to less than 0.02 psia prior to ventilating the tank. Controlled degassing of the vapor space under landed roofs shall be completed as follows:

(1) Any gas or vapor removed from the vapor space under the floating roof must be routed to a control device or a controlled recovery system and controlled degassing must be maintained until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the floating roof when degassing to the control device or controlled recovery system.

(2) The vapor space under the floating roof shall be vented using good engineering practice to ensure air contaminants are flushed out of the tank through the control device or controlled recovery system to the extent allowed by the storage tank design.

(3) A volume equivalent to twice the volume of the vapor space under the floating roof must have passed through the control device or into a controlled recovery system, before a vent stream sample may be used to verify acceptable VOC concentration. The volume measurement shall not include any make-up air introduced into the control device or recovery system. The VOC sampling and analysis shall be performed as specified in Special Condition No. 45.

(4) The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged.

(5) If ventilation is to be maintained with emission control, the VOC concentration shall be recorded once an hour.

(6) Degassing must be performed every 24 hours unless there is no standing liquid in the tank or the VOC TVP of the remaining liquid in the tank is less than 0.15 psia.

C. The tank shall not be opened except as necessary to set up for degassing and cleaning, or ventilated without control, until either all standing liquid has been removed from the tank or the liquid in the tank has a VOC TVP less than 0.02 psia. These criteria may be demonstrated in any one of the following ways.

(1) Low VOC TVP liquid that is soluble with the liquid previously stored may be added to the tank to lower the VOC TVP of the liquid mixture remaining in the tank to less than 0.02 psia. This liquid shall be added during tank degassing if practicable. The estimated volume of liquid remaining in the drained tank and the volume and type of liquid added shall be recorded. The liquid VOC TVP may be estimated based on this information and engineering calculations.

(2) If water is added or sprayed into the tank to remove standing VOC, one of the following must be demonstrated:

(a) Take a representative sample of the liquid remaining in the tank and verify no visible sheen using the static sheen test from 40 CFR Part 435, Subpart A, Appendix 1.

(b) Take a representative sample of the liquid remaining in the tank and verify hexane soluble VOC concentration is less than 1,000 ppmw using EPA method 1664 (may also use 8260B or 5030 with 8015 from SW 846).

(c) Stop ventilation and close the tank for at least 24 hours. When the tank manway is opened after this period, verify VOC concentration is less than 1,000 ppmv through the procedure in Special Condition No. 45.

(3) No standing liquid verified through visual inspection.

The permit holder shall maintain records to document the method used to release the tank.

D. Tanks shall be refilled as rapidly as practicable until the roof is off its legs unless the vapor space is routed to control during refilling except as required by Special Condition No. 62.

E. The occurrence of each roof landing and the associated emissions shall be recorded and the rolling 12 month tank roof landing emissions shall be updated on a monthly basis. These records shall include at least the following information:

(1) the identification of the tank and emission point number, and any control devices or recovery systems used to reduce emissions;

(2) the reason for the tank roof landing;

(3) for the purpose of estimating emissions, the date and time of each of the following events:

(a) the roof was initially landed,

(b) all liquid was pumped from the tank to the extent practical,

(c) start and completion of controlled degassing, and total volumetric flow,

(d) all standing liquid was removed from the tank or any transfers of low VOC TVP liquid to or from the tank including volumes and vapor pressures to reduce tank liquid VOC TVP to <0.02 psi,

(e) if there is liquid in the tank, VOC TVP of liquid, start and completion of uncontrolled degassing, and total volumetric flow,

(f) refilling commenced, liquid filling the tank, and the volume necessary to float the roof; and

(g) tank roof off supporting legs, floating on liquid.

(4) the estimated quantity of each air contaminant, or mixture of air contaminants, emitted between events (c) and (g) with the data and methods used to determine it. The emissions associated with roof landing activities shall be calculated using the methods described in Section 7.1.3.2 of AP-42 "Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids" dated November 2006 and the permit application. **(9/10)**

48. Fixed-roof storage tanks shall not be ventilated without control, until either all standing liquid has been removed from the tank or the liquid in the tank has a VOC TVP less than 0.02 psia. This shall be verified and documented through one of the criteria identified in

MSS Special Condition No. 47.C. Storage tanks manways may be opened without emission controls when there is standing liquid with a VOC TVP greater than 0.02 psia as necessary to set up for degassing and cleaning. One manway may be opened to provide access to the tank when necessary to allow access to remove or de-volatilize the remaining liquid. The emission control system shall meet the requirements of MSS Special Condition No. 47.B(1)through 47.B(5) and records maintained per Special Condition No. 47.E(3)(c)through 47.E(3)(e), and 47.E(4). Low vapor pressure liquid may be added to and removed from the tank as necessary to lower the vapor pressure of the liquid mixture remaining in the tank to less than 0.02 psia. **(9/10)**

49. The following requirements apply to vacuum and air mover truck operations at this site:

A. Vacuum pumps and blowers shall not be operated on trucks containing or vacuuming liquids with VOC TVP greater than 0.50 psi at 95°F unless the vacuum/blower exhaust is routed to a control device or a controlled recovery system.

B. Equip fill line intake with a "duckbill" or equivalent attachment if the hose end cannot be submerged in the liquid being collected.

C. A daily record containing the information identified below is required for each vacuum truck in operation at the site each day.

(1) Prior to initial use, identify any liquid in the truck. Record the liquid level and document that the VOC TVP is less than 0.50 psi if the vacuum exhaust is not routed to a control device or a controlled recovery system. After each liquid transfer, identify the liquid transferred and document that the VOC TVP is less than 0.50 psi if the vacuum exhaust is not routed to a control device or a controlled recovery system.

(2) For each liquid transfer made with the vacuum operating, record the duration of any periods when air may have been entrained with the liquid transfer. The reason for operating in this manner and whether a "duckbill" or equivalent was used shall be recorded. Short, incidental periods, such as those necessary to walk from the truck to the fill line intake, do not need to be documented.

(3) If the vacuum truck exhaust is controlled with a control device other than an engine or oxidizer, VOC exhaust concentration upon commencing each transfer, at the end of each transfer, and as required by Special Condition No. 54, measured using an instrument meeting the requirements of Special Condition No. 45.

(4) The volume in the vacuum truck at the end of the day, or the volume unloaded, as applicable.

D. The permit holder shall determine the vacuum truck emissions each month using the daily vacuum truck records and the calculation methods utilized in the permit application. If records of the volume of liquid transferred for each pick-up are not maintained, the emissions shall be determined using the physical properties of the liquid vacuumed with the greatest potential emissions. Rolling 12-month vacuum truck emissions shall also be determined on a monthly basis.

E. If the VOC TVP of all the liquids vacuumed into the truck is less than 0.10 psi, this shall be recorded when the truck is unloaded or leaves the plant site and the emissions may be estimated as the maximum potential to emit for a truck in that service as documented in the permit application. The recordkeeping requirements in MSS Special Condition No. 49.A through 49.D do not apply. **(9/10)**

50. The following requirements apply to frac, or temporary, tanks and vessels used in support of MSS activities.

A. Except for labels, logos, etc. not to exceed 15% of the tank/vessel total surface area, the exterior surfaces of these tanks/vessels that are exposed to the sun shall be white or aluminum effective May 1, 2013. This requirement does not apply to tanks/vessels that only vent to atmosphere when being filled.

B. These tanks/vessels must be covered and equipped with fill pipes that discharge within 6 inches of the tank/vessel bottom.

C. These requirements do not apply to vessels storing less than 25 barrels of liquid that are closed such that the vessel does not vent to atmosphere.

D. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all frac tanks during the previous calendar month and the past consecutive 12 month period. The record shall include tank identification number, dates put into and removed from service, control method used, tank capacity and volume of liquid stored in gallons, name of the material stored, VOC molecular weight, and VOC TVP at the estimated monthly average material temperature in psia. Filling emissions for tanks shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations" and standing emissions determined using: the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks."

E. If the tank/vessel is used to store liquid with VOC TVP less than 0.10 psi at 95°F, records may be limited to the days the tank is in service and the liquid stored. Emissions may be estimated based upon the potential to emit as identified in the permit application. **(9/10)**

51. The term "true vapor pressure (TVP)" is used in lieu of the term "partial pressure" in this permit. **(9/10)**

52. The MSS activities represented in the permit application may be authorized under permit by rule only if the procedures, emission controls, monitoring, and recordkeeping are the same as those required by this permit. **(9/10)**

53. All permanent facilities must comply with all operating requirements, limits, and representations in the permits identified in Attachment 1 during planned startup and shutdown unless alternate requirements and limits are identified in this permit. Alternate requirements for emissions from routine emission points are identified below:

    A. Heaters, boilers, and furnaces are exempt from $NO_x$ and CO operating requirements identified in other special conditions this permit during planned startup and shutdown if the following criteria are satisfied.

        (1) The routine maximum allowable emission caps are not exceeded.

        (2) The startup period does not exceed 8 hours in duration and the firing rate does not exceed 75 percent of the design firing rate. The time it takes to complete the shutdown does not exceed 4 hours.

        (3) Control devices are started and operating properly when venting a waste gas stream.

    B. The limits identified below apply to the operations of the specified facilities during startup and shutdown. All other routine operating limitations apply during planned startup and shutdown.

        (1) One FCC startup and shutdown is authorized by this permit to be completed prior to December 31, 2010. All FCC emissions during startup are in the MSS emission caps. All routine operating requirements apply during MSS except as follows:

            (a) The startup period shall not exceed 24 hours.

            (b) The hourly average CO and $SO_2$ concentrations during this period shall not exceed 22,000 and 600 ppmvd corrected to 0 percent oxygen, respectively.

            (c) The PM requirements in Special Condition No. 20 do not apply during startup.

        (2) The SRU startup period shall not exceed 72 hours. The sulfur recovery requirements do not apply during SRU startup. The SRU tailgas shall be operated in accordance with Special Condition Nos. 16 and 17 during this period.

C. A record shall be maintained indicating that the start and end times for each of the activities identified above occur and documentation that the requirements for each have been satisfied. **(9/10)**

54. Control devices required by this permit for emissions from planned MSS activities are limited to those types identified in this condition. Control devices shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. Each device used must meet all the requirements identified for that type of control device.

Controlled recovery systems identified in this permit shall be directed to an operating refinery process or to a collection system that is vented through a control device meeting the requirements of this permit condition.

A. Carbon Adsorption System (CAS).

(1) The CAS shall consist of 2 carbon canisters in series with adequate carbon supply for the emission control operation.

(2) The CAS shall be sampled downstream of the first can and the concentration recorded at least once every hour of CAS run time to determine breakthrough of the VOC. The sampling frequency may be extended using either of the following methods:

(a) CAS systems equipped with an upstream liquid scrubber may be sampled once every 12 hours of CAS run time to determine breakthrough.

(b) Sampling frequency may be extended to up to 30 percent of the minimum potential saturation time for a new can of carbon. The permit holder shall maintain records including the calculations performed to determine the minimum saturation time.

(c) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of a MSS waste gas stream. The past experience must be with the same VOC, type of facility, and MSS activity. The basis for the sampling frequency shall be recorded. If breakthrough is monitored on the initial sample of the upstream can when the polishing can is put in place, a permit deviation shall be recorded.

(3) The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition No. 45.

(4) Breakthrough is defined as the highest measured VOC or benzene concentration at or exceeding 100 ppmv or 5 ppmv, respectively, above background. When the condition of breakthrough of VOC from the initial

saturation canister occurs, the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within 24 hours. In lieu of replacing canisters, the flow of waste gas may be discontinued until the canisters are switched. Sufficient new activated carbon canisters shall be available to replace spent carbon canisters such that replacements can be done in the above specified time frame.

(5) Records of CAS monitoring shall include the following:

(a) Sample time and date.

(b) Monitoring results (ppmv).

(c) Canister replacement log.

(6) Single canister systems are allowed if the time the carbon canister is in service is limited to no more than 30% of the minimum potential saturation time. The permit holder shall maintain records for these systems, including the calculations performed to determine the saturation time. The time limit on carbon canister service shall be recorded and the expiration date attached to the carbon can.

(7) Liquid scrubbers may be used upstream of carbon canisters to enhance VOC capture provided such systems are closed systems and the spent absorbing solution is discharged into a closed container, vessel, or system.

B. Thermal Oxidizer.

(1) The thermal oxidizer firebox six-minute average exit temperature shall be maintained at not less than 1400°F and waste gas flows shall be limited to assure at least a 0.5-second residence time in the fire box while waste gas is being fed into the oxidizer.

(2) The thermal oxidizer exhaust temperature shall be continuously monitored and recorded when waste gas is directed to the oxidizer. The temperature measurements shall be made at intervals of six minutes or less and recorded at that frequency. Temperature measurements recorded in continuous strip charts may be used to meet the requirements of this section.

The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±0.75 percent of the temperature being measured expressed in degrees Celsius or ±2.5°C.

(3) As an alternative to Special Condition No. 54.B(1), the thermal oxidizer may be tested to confirm a minimum 99 wt% destruction efficiency. The results of the test will be used to determine the minimum operating temperature and residence time. Stack Test must have been performed within the last 12 months. Stack VOC concentrations and flow rates shall be measured in accordance with applicable EPA Reference Methods. A copy of the test report shall be maintained with the thermal oxidizer and a summary of the testing results shall be included with the emission calculations.

(4) As an alternative to Special Condition No. 54.B(1-2), the thermal oxidizer may be equipped with continuous VOC monitors (inlet and outlet). The VOC monitors shall be calibrated and maintained according to Special Condition No. 45, except 45.C. In order to demonstrate compliance with this requirement, inlet VOC and outlet VOC concentrations and flows shall be measured at least every 15 minutes and this information used to determine inlet and outlet VOC mass rates on an hourly basis to confirm a minimum 99 percent destruction efficiency or an exhaust concentration not greater than 20 ppmv.

C. Internal Combustion Engine.

(1) The internal combustion engine shall have a VOC destruction efficiency of at least 99 percent.

(2) The engine must have been stack tested with butane or propane to confirm the required destruction efficiency within the period specified in part (3) below. VOC shall be measured in accordance with the applicable EPA Reference Method during the stack test and the exhaust flow rate may be determined from measured fuel flow rate and measured oxygen concentration. A copy of the stack test report shall be maintained with the engine. There shall also be documentation of acceptable VOC emissions following each occurrence of engine maintenance that may reasonably be expected to increase emissions including oxygen sensor replacement and catalyst cleaning or replacement. Stain tube indicators specifically designed to measure VOC concentration shall be acceptable for this documentation, provided a hot air probe or equivalent device is used to prevent error due to high stack temperature, and three sets of concentration measurements are made and averaged. Portable VOC analyzers meeting the requirements of Special Condition No. 45.A are also acceptable for this documentation.

(3) The engine shall be operated and monitored as specified below.

(a) If the engine is operated with an oxygen sensor-based air-to-fuel ratio (AFR) controller, documentation for each AFR controller that the manufacturer's or supplier's recommended maintenance

has been performed, including replacement of the oxygen sensor as necessary for oxygen sensor-based controllers shall be maintained with the engine. The oxygen sensor shall be replaced at least quarterly in the absence of a specific written recommendation. The engine must have been stack tested within the past 12 months in accordance with part (2) of this condition.

The test period may be extended to 24 months if the engine exhaust is sampled once an hour when waste gas is directed to the engine using a detector meeting the requirements of Special Condition No. 45.A. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the engine. The concentrations shall be recorded and the MSS activity shall be stopped as soon as possible if the VOC concentration exceeds 100 ppmv above background.

(b) If an oxygen sensor-based AFR controller is not used, the engine exhaust to atmosphere shall be monitored continuously and the VOC concentration recorded at least once every 15 minutes when waste gas is directed to the engine. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the engine. The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition 45.A. An alarm shall be installed such that an operator is alerted when outlet VOC concentration exceeds 100 ppmv above background. The MSS activity shall be stopped as soon as possible if the VOC concentration exceeds 100 ppmv above background for more than one minute. The date and time of all alarms and the actions taken shall be recorded. The engine must have been stack tested within the past 24 months in accordance with part (2) of this condition.

D. The plant flare system

(1) The heating value and velocity requirements in 40 CFR § 60.18 shall be satisfied during operations authorized by this permit.

(2) The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple, an ultraviolet sensor, or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications. **(5/14)**

(3) Each flare shall be equipped with one of the following by December 31, 2011:

(a) Operation and maintenance of a flare gas recovery system.

(b) A continuous flow monitor and composition analyzer that provides a record of the flare gas flow and composition of either the total VOC or heating value of the flare gas.

The flow monitor and analyzer sample point shall be installed as near as possible to the flare inlet such that the total vent stream to the flare is measured and analyzed. Readings shall be taken at least once every 15 minutes and the average hourly values of the flow and composition shall be recorded each hour. The flow monitors shall be calibrated on an annual basis to meet the following accuracy specifications: the flow monitor must be calibrated to manufacturer's specifications; the temperature monitor must be calibrated to within ± 2.0% at absolute temperature; the pressure monitor must be calibrated to within ± 5.0 mmHg.

(i) If VOC monitoring is chosen: Calibration of the analyzer shall follow the procedures and requirements of Section 10.0 of 40 CFR Part 60, Appendix B, Performance Specification 9, as amended through October 17, 2000, (65 FR 61744), except that the multi-point calibration procedure in Section 10.1 of Performance Specification 9 shall be performed at least once every calendar quarter instead of once every month, and the mid-level calibration check procedure in Section 10.2 of Performance Specification 9 shall be performed at least once every calendar week instead of once every 24 hours. The on-line analyzer system must be capable of measuring constituents sufficient to determine the net heating value of the gas combusted in the flare to within 5.0%, or be calibrated with certified standards of the top tow constituents affecting net heating value, whichever is more stringent and the ranges of calibration standards may be based on the typical concentrations observed rather than the full potential range of concentrations. The calibration gases used for calibration procedures shall be in accordance with Section 7.1 of Performance Specification 9. Net heating value of the gas combusted in the flare shall be calculated according to the equation given in 40 CFR §60.18(f)(3) as amended through October 17, 2000, (65 FR 61744) **(10/11)**.

(ii) If heating value is chosen: The calorimeter shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations, to continuously measure and record the net heating value of the gas sent to the flare, in British thermal units/standard cubic foot of the gas.

E. Single Carbon Adsorption or Scrubber System

A single liquid scrubbing or single carbon canister adsorption system may be used as a sole control device if the requirements below are satisfied.

(1) The exhaust to atmosphere shall be continuously monitored with a CEM. The VOC concentration shall be recorded at least once every 15 minutes when waste gas is directed to the CAS or scrubber.

(2) The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition No. 45 except 45.C.

(3) An alarm shall be installed such that an operator is alerted when outlet VOC concentration exceeds 100 ppmv above background. The MSS activity shall be stopped as soon as possible when the VOC concentration exceeds 100 ppmv above background for more than one minute. The date and time of all alarms and the actions taken shall be recorded.

F. A closed loop refrigerated vapor recovery system

(1) The vapor recovery system shall be installed on the facility to be degassed using good engineering practice to ensure air contaminants are flushed from the facility through the refrigerated vapor condensers and back to the facility being degassed. The vapor recovery system and facility being degassed shall enclosed except as necessary to insure structural integrity (such as roof vents on a floating roof tank).

(2) VOC concentration in vapor being circulated by the system shall be sampled and recorded at least once every 4 hours at the inlet of the condenser unit with an instrument meeting the requirements of Special Condition 45.

(3) The quantity of liquid recovered from the tank vapors and the tank pressure shall be monitored and recorded each hour. The liquid recovered must increase with each reading and the tank pressure shall not exceed one inch water pressure while the system is operating.

G. Other control devices approved by the TCEQ through a permit amendment application or a pollution control permit application. **(9/10)**

55. The following requirements apply to capture systems for the plant flare system.

A. Either conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or verify the capture system is leak-free by inspecting in accordance with 40 CFR Part 60, Appendix A, Test Method 21 once a year. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppmv above background.

B. The control device shall not have a bypass.

or

If there is a bypass for the control device, comply with either of the following requirements:

(1) Install a flow indicator that records and verifies zero flow at least once every fifteen minutes immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or

(2) Once a month, inspect the valves, verifying the position of the valves and the condition of the car seals that prevent flow out the bypass.

These requirements do not apply to high point vent and low point drain valves. A deviation shall be reported if the monitoring or inspections indicate bypass of the control device when required to be in service per this permit.

C. If any of the above inspections is not satisfactory, the permit holder shall promptly take necessary corrective action. Records shall be maintained documenting the performance and results of the inspections required above. **(9/10)**

56. If spray guns are used to apply paint, they shall be airless, high volume low pressure (HVLP), or have the same or higher transfer efficiency as airless or HVLP spray guns. **(9/10)**

57. Emissions from all painting activities, except for minor painting identified in Attachment 2 to this permit, at this site must satisfy the criteria below. New compounds may also be added through the use of the procedure below.

A. Short-term (pounds per hour [lb/hr]) and annual (TPY) emissions shall be determined for each chemical in the paint as documented in the permit application. The calculated emission rate shall not exceed the maximum allowable emissions rate at any emission point.

B. The Effect Screening Level (ESL) for the material shall be obtained from the current TCEQ ESL list or by written request to the TCEQ Toxicology Division.

C. The total painting emissions of any compound must satisfy one of the following conditions:

(1) The total emission rate is less than 0.1 lb/hr and the ESL greater than or equal to 2 ug/m3; or

(2) The emission rate of the compound in pounds per hour is less than the ESL for the compound times 0.0148 (ER < 0.0148ESL).

D. The permit holder shall maintain records of the information below and the demonstrations in steps A though C above. The following documentation is required for each compound:

(1) Chemical name(s), composition, and chemical abstract registry number if available.

(2) Material Safety Data Sheet.

(3) Maximum concentration of the chemical in weight percent

(4) Paint usage and the associated emissions shall be recorded each month and the rolling 12 month total emissions updated. **(9/10)**

58. No visible emissions shall leave the property due to painting or abrasive blasting. **(9/10)**

59. Black Beauty and Garnet Sand may be used for abrasive blasting. The permit holder may also use blast media that meet the criteria below:

A. The media shall not contain asbestos or greater than 1.0 weight percent crystalline silica.

B. The weight fraction of any metal in the blast media with a short term effects screening level (ESL) less than 50 micrograms per cubic meter as identified in the most recently published TCEQ ESL list shall not exceed the ESLmetal/1000.

C. The MSDS for each media used shall be maintained on site.

Blasting media usage and the associated emissions shall be recorded each month and the rolling 12 month total emissions updated. **(9/10)**

60. Planned maintenance activities must be conducted in a manner consistent with good practice for minimizing emissions, including the use of air pollution control equipment, practices and processes. All reasonable and practical efforts to comply with Special Condition Nos. 42 through 59, 61, and 62 must be used when conducting the planned maintenance activity, until the commission determines that the efforts are unreasonable or impractical, or that the activity is an unplanned maintenance activity. **(9/10)**

61. Slab cleaning activities are limited to water washing small pieces of process equipment, empty vacuum trucks, and empty portable frac containers. Records shall be maintained of the number of items cleaned each day and the emissions determined each month based on the number of items cleaned as estimated in the permit amendment application, PI-1 dated December 21, 2006. The permit holder may assume that all vacuum trucks and frac tanks used on the site as recorded in Special Condition Nos. 49 and 50 are cleaned in lieu of maintaining cleaning records for those items. **(9/10)**

62. The following requirements ensure satisfactory impacts off-site.

    A. The following apply to MSS performed on facilities in gasoline and naphtha service (greater than 10 weight percent):

        (1) The hourly uncontrolled purge rate shall not exceed 35,000 scf in any one-hour period.

        (2) No more than 6,000 gallons shall be transferred to a frac tank in any one-hour period while uncontrolled purging is occurring at a rate greater than 30,000 scfh.

        (3) These limits do not apply to storage tank MSS.

    B. Only one tank with a landed roof may be filled with liquid with a VOC vapor pressure greater than 0.50 psia without emission control at any time.

    C. Emissions from refilling a tank with a landed roof with a liquid with a vapor pressure greater than 0.50 psia shall be routed to a control device meeting the requirements of Special Condition No. 54 unless the tank has been cleaned and degassed.

    D. Floating roof tanks undergoing controlled degassing shall not be initially vented without control while a landed floating roof tank is being filled after being degassed and cleaned unless the tank being filled is vented to a control device meeting the requirements of Special Condition No. 54.

    E. If a cleaned and degassed tank with a landed roof has been refilled with a liquid with vapor pressure greater than 0.50 psia without emission control in the past 12 months, emissions from refilling the tank with a landed roof shall be routed to a control device meeting the requirements of Special Condition No. 54 if the liquid has a vapor pressure greater than 0.50 psia. **(9/10)**

**Burner Upgrades**

63. The burners in the following heater shall be replaced with burners that have $NO_x$ emissions no greater than 0.035 lb/MMBtu during the next scheduled unit turnaround but no later than December 31, 2017: C7 #4 Crude Charge (EPN 8-H-4). The heater shall be sampled after burner replacement as required by Special Condition No. 29. **(12/13)**

Dated May 22, 2014

ATTACHMENT 2

Permit Numbers 2937 and PSDTX1023M2

Inherently Low Emitting Activities

| | Emissions | | | | |
|---|---|---|---|---|---|
| Activity | VOC | $NO_x$ | CO | PM | $H_2S/SO_2$ |
| Catalyst activation/deactivation | x | | | | |
| Management of sludge from pits, ponds, sumps, and water conveyances | x | | | | |
| Aerosol Cans | x | | | | |
| Calibration of analytical equipment and process instrumentation | x | x | x | | X |
| Carbon canister replacement | x | | | | |
| Catalyst charging/handling | | | | x | |
| Instrumentation/analyzer maintenance | x | | | | |
| Meter proving | x | | | | |
| Replacement of analyzer filters and screens | x | | | | |
| Maintenance on water treatment systems (cooling, boiler, potable) | x | | | | |
| Soap and other aqueous based cleaners | x | | | | |
| Cleaning sight glasses | x | | | | |
| Aerosol and miscellaneous chemical usage | x | | | | |

Dated December 16, 2010

ATTACHMENT 3

Permit Numbers 2937 and PSDTX1023M2

Routine Maintenance Activities

Pump repair/replacement
Fugitive component (valve, pipe, flange) repair/replacement
Compressor repair/replacement
Heat exchanger repair/replacement
Vessel repair/replacement

Dated December 16, 2010

ATTACHMENT 4

Permit Numbers 2937 and PSDTX1023M2

MSS Activity Summary

| Facilities | Description | Emissions Activity | EPN |
|---|---|---|---|
| all process units and tanks | shutdown/depressurize/drain/startup (includes SRU shutdowns, FCCU startups and Air Liquide MSS activities) | Vent to control | Annual:<br>MSS-TA<br>MSS-MA |
| all process units and tanks | process unit purge/degas/drain/startup (except FCCU and SRU) | Vent to atmosphere | Annual:<br>MSS-TA<br>UNCONTROLLED<br>MSS-MA<br>UNCONTROLLED |
| Vacuum Trucks | removal and transfer of process and/or waste liquids | Vent to atmosphere | Annual:<br>MSS-TA<br>UNCONTROLLED<br>MSS-MA<br>UNCONTROLLED |
| Process units and tanks | Painting | Vent to atmosphere | Annual:<br>MSS-TA<br>UNCONTROLLED<br>MSS-MA<br>UNCONTROLLED |
| Process units and tanks | Miscellaneous chemical usage | Vent to atmosphere | Annual:<br>MSS-TA<br>UNCONTROLLED<br>MSS-MA<br>UNCONTROLLED |
| FRAC tanks | Temporary storage of process liquids and/or waste liquids | Vent to atmosphere | Annual:<br>MSS-TA<br>UNCONTROLLED<br>MSS-MA<br>UNCONTROLLED |
| Cleaning Slab | Washing of portable or mobile MSS or process equipment | vent to atmosphere | Annual:<br>MSS-TA<br>UNCONTROLLED<br>MSS-MA<br>UNCONTROLLED |
| Process units and tanks | Abrasive blasting | Vent to atmosphere | Annual:<br>MSS-TA<br>UNCONTROLLED |

Dated December 16, 2010

Emission Sources - Maximum Allowable Emission Rates

Permit Number 2937

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| Emission Caps (7) | | $SO_2$ | 160.8 | 702.3 |
| | | VOC | 1,790 | 1,118 |
| | | $NO_x$ | 218.9 | 833.9 |
| | | CO | 357.5 | 1,433 |
| | | $PM_{10}$ | 45.39 | 173.1 |
| | | $H_2S$ | 2.72 | 11.91 |
| | | HCl | 0.21 | 0.06 |
| | | $Cl_2$ | 0.06 | 0.02 |
| | | Benzene | 37.2 | 25.15 |
| | | Ammonia | 0.17 | 0.75 |
| MSS Caps (6) | | CO | 4290.4 | 52.83 |
| | | $NO_x$ | 149.3 | 2.03 |
| | | VOC | 1,713 | 48.5 |
| | | $SO_2$ | 1087.5 | 37.12 |
| | | $H_2S$ | 6.45 | 0.19 |
| | | PM | 76.7 | 0.4 |
| | | Sulfuric Acid | 10.95 | 0.26 |
| | | Ammonia | 4.41 | 0.09 |
| | | Exempt Solvents | 1.76 | 0.6 |
| REFFUG | Refinery Fugitives Subcap | VOC | 73.88 | 323.59 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| Various | Tanks Subcap | VOC | 392.49 | 263.40 |
| TK-85, TK-91, TK-93, TK-96 | Crude/Condensate Tanks (8) | VOC | 25.27 | 24.57 |
| EP-B-1 | Boiler - C8 Boiler No. 1 (EP-B-1) | $NO_x$ | 5.90 | 18.05 |
| | | VOC | 0.91 | 3.24 |
| | | $SO_2$ | 4.39 | 5.80 |
| | | CO | 14.32 | 25.53 |
| | | PM | 1.26 | 4.48 |
| | | $PM_{10}$ | 1.26 | 4.48 |
| | | $PM_{2.5}$ | 1.26 | 4.48 |
| EP-B-2 | Boiler - C8 Boiler No. 2 (EP-B-2) | $NO_x$ | 5.90 | 18.05 |
| | | VOC | 0.91 | 3.24 |
| | | $SO_2$ | 4.39 | 5.80 |
| | | CO | 14.32 | 25.53 |
| | | PM | 1.26 | 4.48 |
| | | $PM_{10}$ | 1.26 | 4.48 |
| | | $PM_{2.5}$ | 1.26 | 4.48 |
| B-4 | Boiler - C6B Boiler No. 4 (West) (169-B-4) | $NO_x$ | 2.70 | 11.83 |
| | | VOC | 0.49 | 2.13 |
| | | $SO_2$ | 2.90 | 4.70 |
| | | CO | 7.39 | 25.26 |
| | | PM | 0.67 | 2.94 |
| | | $PM_{10}$ | 0.67 | 2.94 |
| | | $PM_{2.5}$ | 0.67 | 2.94 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| EP-B-5 | Boiler - C8 Boiler No. 5 (EP-B-5) | $NO_x$ | 8.45 | 31.73 |
| | | VOC | 1.30 | 5.19 |
| | | $SO_2$ | 6.29 | 10.20 |
| | | CO | 20.50 | 89.78 |
| | | PM | 1.80 | 7.17 |
| | | $PM_{10}$ | 1.80 | 7.17 |
| | | $PM_{2.5}$ | 1.80 | 7.17 |
| B-5 | Boiler - C6B Boiler No. 5 (East) (169-B-5) | $NO_x$ | 2.70 | 11.83 |
| | | VOC | 0.49 | 2.13 |
| | | $SO_2$ | 2.90 | 4.70 |
| | | CO | 7.39 | 25.26 |
| | | PM | 0.67 | 2.94 |
| | | $PM_{10}$ | 0.67 | 2.94 |
| | | $PM_{2.5}$ | 0.67 | 2.94 |
| QH-125 | No. 2 Reformer Heaters | $NO_x$ | 3.60 | 15.27 |
| | | VOC | 0.55 | 2.35 |
| | | $SO_2$ | 3.31 | 3.77 |
| | | CO | 7.58 | 10.62 |
| | | PM | 0.77 | 3.25 |
| | | $PM_{10}$ | 0.77 | 3.25 |
| | | $PM_{2.5}$ | 0.77 | 3.25 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 27-H-1 | Heater - C8 BTX Clay Twr (127-H-1) | $NO_x$ | 0.68 | 2.58 |
| | | VOC | 0.03 | 0.12 |
| | | $SO_2$ | 0.15 | 0.21 |
| | | CO | 0.48 | 0.91 |
| | | PM | 0.04 | 0.16 |
| | | $PM_{10}$ | 0.04 | 0.16 |
| | | $PM_{2.5}$ | 0.04 | 0.16 |
| 44-H-1 | Heater - C7 GOT Chrg. (144-H-1) | $NO_x$ | 4.18 | 16.10 |
| | | VOC | 0.64 | 2.48 |
| | | $SO_2$ | 2.79 | 3.97 |
| | | CO | 9.61 | 14.24 |
| | | PM | 0.89 | 3.43 |
| | | $PM_{10}$ | 0.89 | 3.43 |
| | | $PM_{2.5}$ | 0.89 | 3.43 |
| 37-H-1 | Heater - C7 Kero HDS Chrg. (137-H-1) | $NO_x$ | 1.98 | 8.65 |
| | | VOC | 0.11 | 0.47 |
| | | $SO_2$ | 0.46 | 0.65 |
| | | CO | 1.06 | 1.81 |
| | | PM | 0.15 | 0.64 |
| | | $PM_{10}$ | 0.15 | 0.64 |
| | | $PM_{2.5}$ | 0.15 | 0.64 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 39-H-1 | Heater - C7 No. 4 Hydrobon Charge (139-H-1) | $NO_x$ | 3.99 | 17.48 |
| | | VOC | 0.22 | 0.94 |
| | | $SO_2$ | 0.93 | 1.51 |
| | | CO | 3.47 | 7.61 |
| | | PM | 0.30 | 1.30 |
| | | $PM_{10}$ | 0.30 | 1.30 |
| | | $PM_{2.5}$ | 0.30 | 1.30 |
| Q10-H-1 | Heater - C6B SMR Heater (129-H-1) Hydrobon Chrg. (139-H-1) | $NO_x$ | 8.28 | 36.26 |
| | | VOC | 1.28 | 4.88 |
| | | $SO_2$ | 7.62 | 12.36 |
| | | CO | 18.48 | 34.09 |
| | | PM | 1.76 | 6.74 |
| | | $PM_{10}$ | 1.76 | 6.74 |
| | | $PM_{2.5}$ | 1.76 | 6.74 |
| 7-H-2 | Heater - C7 Coker Chrg. (107-H-2) | $NO_x$ | 9.10 | 31.54 |
| | | VOC | 0.82 | 2.83 |
| | | $SO_2$ | 3.53 | 4.54 |
| | | CO | 13.19 | 22.87 |
| | | PM | 1.13 | 3.92 |
| | | $PM_{10}$ | 1.13 | 3.92 |
| | | $PM_{2.5}$ | 1.13 | 3.92 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 44-H-2 | Heater - C7 GOT Frac. Reb. (144-H-2) | $NO_x$ | 4.79 | 20.97 |
| | | VOC | 0.22 | 0.94 |
| | | $SO_2$ | 0.93 | 1.51 |
| | | CO | 3.47 | 7.61 |
| | | PM | 0.30 | 1.30 |
| | | $PM_{10}$ | 0.30 | 1.30 |
| | | $PM_{2.5}$ | 0.30 | 1.30 |
| 37-H-2 | Heater - C7 Kero HDS Frac.Reb. (137-H-2) | $NO_x$ | 1.37 | 5.34 |
| | | VOC | 0.07 | 0.28 |
| | | $SO_2$ | 0.32 | 0.52 |
| | | CO | 1.08 | 1.74 |
| | | PM | 0.10 | 0.38 |
| | | $PM_{10}$ | 0.10 | 0.38 |
| | | $PM_{2.5}$ | 0.10 | 0.38 |
| 39-H-2 | Heater - C7 No. 4 Hydrobon Reb. (139-H-2) | $NO_x$ | 3.78 | 16.57 |
| | | VOC | 0.20 | 0.89 |
| | | $SO_2$ | 0.88 | 1.43 |
| | | CO | 3.29 | 7.21 |
| | | PM | 0.28 | 1.23 |
| | | $PM_{10}$ | 0.28 | 1.23 |
| | | $PM_{2.5}$ | 0.28 | 1.23 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| Q11-H-3001 | Heater - C6B HCU Deb. Reb. (129-H-3001) | $NO_x$ | 3.84 | 16.82 |
| | | VOC | 0.17 | 0.76 |
| | | $SO_2$ | 1.03 | 1.67 |
| | | CO | 3.15 | 6.89 |
| | | PM | 0.24 | 1.04 |
| | | $PM_{10}$ | 0.24 | 1.04 |
| | | $PM_{2.5}$ | 0.24 | 1.04 |
| Q11-H-3002 | Heater - C6B HCU Fract.Reb. (129-H-3002) | $NO_x$ | 3.84 | 16.82 |
| | | VOC | 0.17 | 0.76 |
| | | $SO_2$ | 1.03 | 1.67 |
| | | CO | 3.15 | 6.89 |
| | | PM | 0.24 | 1.04 |
| | | $PM_{10}$ | 0.24 | 1.04 |
| | | $PM_{2.5}$ | 0.24 | 1.04 |
| Q11-H-301 | Heater - C6B HCU Rx Chrg. (129-H-301) | $NO_x$ | 2.25 | 6.47 |
| | | VOC | 0.49 | 1.40 |
| | | $SO_2$ | 2.90 | 3.09 |
| | | CO | 8.85 | 12.72 |
| | | PM | 0.67 | 1.93 |
| | | $PM_{10}$ | 0.67 | 1.93 |
| | | $PM_{2.5}$ | 0.67 | 1.93 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 44-H-3 | Heater - C7 GOT Stabilizer (144-H-3) | $NO_x$ | 1.7432 | 6.28 |
| | | VOC | 0.14 | 0.54 |
| | | $SO_2$ | 0.62 | 0.85 |
| | | CO | 1.81 | 2.32 |
| | | PM | 0.20 | 0.74 |
| | | $PM_{10}$ | 0.20 | 0.74 |
| | | $PM_{2.5}$ | 0.20 | 0.74 |
| Q3-H-3 | No. 2 Reformer HDS Heaters | $NO_x$ | 7.30 | 25.43 |
| | | VOC | 0.39 | 1.37 |
| | | $SO_2$ | 2.35 | 2.83 |
| | | CO | 5.31 | 7.80 |
| | | PM | 0.54 | 1.89 |
| | | $PM_{10}$ | 0.54 | 1.89 |
| | | $PM_{2.5}$ | 0.54 | 1.89 |
| 39-H-3A | Heater - C7 No. 4 Plat. Charge (139-H-3A) | $NO_x$ | 4.09 | 10.64 |
| | | VOC | 0.63 | 1.64 |
| | | $SO_2$ | 2.73 | 2.62 |
| | | CO | 9.34 | 14.94 |
| | | PM | 0.87 | 2.26 |
| | | $PM_{10}$ | 0.87 | 2.26 |
| | | $PM_{2.5}$ | 0.87 | 2.26 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 39-H-3B | Heater - C7 No. 4 Plat. IntHtr. (139-H-3B) | $NO_x$ | 2.62 | 11.47 |
| | | VOC | 0.40 | 1.49 |
| | | $SO_2$ | 1.74 | 2.34 |
| | | CO | 4.62 | 6.89 |
| | | PM | 0.56 | 2.44 |
| | | $PM_{10}$ | 0.56 | 2.44 |
| | | $PM_{2.5}$ | 0.56 | 2.44 |
| 39-H-3C | C7 No. 4 Plat. IntHtr. (139-H-3C/D) | $NO_x$ | 8.90 | 21.39 |
| | | VOC | 0.48 | 1.15 |
| | | $SO_2$ | 2.07 | 1.85 |
| | | CO | 7.10 | 10.74 |
| | | PM | 0.66 | 1.59 |
| | | $PM_{10}$ | 0.66 | 1.59 |
| | | $PM_{2.5}$ | 0.66 | 1.59 |
| 8-H-3 | Heater - C7 No. 4 Vacuum Chrg. (108-H-3) | $NO_x$ | 3.47 | 11.99 |
| | | VOC | 0.19 | 0.55 |
| | | $SO_2$ | 0.82 | 1.30 |
| | | CO | 2.16 | 4.04 |
| | | PM | 0.26 | 0.76 |
| | | $PM_{10}$ | 0.26 | 0.76 |
| | | $PM_{2.5}$ | 0.26 | 0.76 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 8-H-4 | Heater - C7 No. 4 Crude Chrg. (108-H-4) | $NO_x$ (9) | 19.37 | 54.75 |
| | | $NO_x$ (10) | 6.78 | 19.16 |
| | | VOC | 1.04 | 2.95 |
| | | $SO_2$ | 4.52 | 4.73 |
| | | CO | 16.86 | 23.82 |
| | | PM | 1.44 | 4.08 |
| | | $PM_{10}$ | 1.44 | 4.08 |
| | | $PM_{2.5}$ | 1.44 | 4.08 |
| Q3-H-4A/B | Heater - C6B No. 2 Ref. Split. (116-H-4A/B) | $NO_x$ | 3.99 | 17.28 |
| | | VOC | 0.78 | 3.41 |
| | | $SO_2$ | 1.28 | 1.94 |
| | | CO | 3.68 | 5.56 |
| | | PM | 0.30 | 1.30 |
| | | $PM_{10}$ | 0.30 | 1.30 |
| | | $PM_{2.5}$ | 0.30 | 1.30 |
| 8-H-5 | Heater - C7 No. 4 Vacuum Chrg. (108-H-5) | $NO_x$ | 1.72 | 7.53 |
| | | VOC | 0.37 | 1.62 |
| | | $SO_2$ | 1.60 | 2.60 |
| | | CO | 5.99 | 13.11 |
| | | PM | 0.51 | 2.25 |
| | | $PM_{10}$ | 0.51 | 2.25 |
| | | $PM_{2.5}$ | 0.51 | 2.25 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 8-H-6 | Heater - C7 No. 4 Crude Chrg. (108-H-6) | $NO_x$ | 10.01 | 21.90 |
| | | VOC | 1.54 | 4.72 |
| | | $SO_2$ | 6.67 | 7.56 |
| | | CO | 24.89 | 38.12 |
| | | PM | 2.13 | 6.53 |
| | | $PM_{10}$ | 2.13 | 6.53 |
| | | $PM_{2.5}$ | 2.13 | 6.53 |
| 39-H-7 | Heater - C7 No. 4 Plat.Stab.Reb. (139-H-7) | $NO_x$ | 1.27 | 4.55 |
| | | VOC | 0.19 | 0.70 |
| | | $SO_2$ | 0.84 | 1.12 |
| | | CO | 2.94 | 5.30 |
| | | PM | 0.27 | 0.97 |
| | | $PM_{10}$ | 0.27 | 0.97 |
| | | $PM_{2.5}$ | 0.27 | 0.97 |
| H-TK-54 | Heater - Tank TK-54 Heater | $NO_x$ | 0.40 | 0.86 |
| | | VOC | 0.02 | 0.05 |
| | | $SO_2$ | 0.05 | 0.06 |
| | | CO | 0.32 | 0.73 |
| | | PM | 0.03 | 0.06 |
| | | $PM_{10}$ | 0.03 | 0.06 |
| | | $PM_{2.5}$ | 0.03 | 0.06 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| H-TK-70 | Heater - Tank TK-70 Heater | $NO_x$ | 0.40 | 0.86 |
| | | VOC | 0.02 | 0.05 |
| | | $SO_2$ | 0.05 | 0.06 |
| | | CO | 0.32 | 0.73 |
| | | PM | 0.03 | 0.06 |
| | | $PM_{10}$ | 0.03 | 0.06 |
| | | $PM_{2.5}$ | 0.03 | 0.06 |
| H-TK-83 | Heater - Tank TK-83 Heater | $NO_x$ | 0.40 | 0.86 |
| | | VOC | 0.02 | 0.05 |
| | | $SO_2$ | 0.05 | 0.06 |
| | | CO | 0.32 | 0.73 |
| | | PM | 0.03 | 0.06 |
| | | $PM_{10}$ | 0.03 | 0.06 |
| | | $PM_{2.5}$ | 0.03 | 0.06 |
| QL-10 | Heater - C6B No. 4 Plat. Spltter (154-H-10) | $NO_x$ | 2.93 | 8.13 |
| | | VOC | 1.49 | 5.81 |
| | | $SO_2$ | 2.70 | 2.71 |
| | | CO | 6.87 | 6.20 |
| | | PM | 0.62 | 1.73 |
| | | $PM_{10}$ | 0.62 | 1.73 |
| | | $PM_{2.5}$ | 0.62 | 1.73 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 148H-01-02 | ULSD Heaters | $NO_x$ | 4.13 | 17.48 |
| | | VOC | 0.64 | 2.69 |
| | | $SO_2$ | 2.75 | 4.31 |
| | | CO | 7.90 | 19.90 |
| | | PM | 0.88 | 3.72 |
| | | $PM_{10}$ | 0.88 | 3.72 |
| | | $PM_{2.5}$ | 0.88 | 3.72 |
| SMR2 | SMR2 Heater | $NO_x$ | 23.59 | 103.32 |
| | | VOC | 3.63 | 15.92 |
| | | $SO_2$ | 15.71 | 25.49 |
| | | CO | 43.72 | 104.71 |
| | | PM | 5.02 | 22.00 |
| | | $PM_{10}$ | 5.02 | 22.00 |
| | | $PM_{2.5}$ | 5.02 | 22.00 |
| 83-CT1 | Cooling Tower - Complex 8 | VOC | 2.52 | 7.36 |
| | | PM | 3.02 | 12.24 |
| | | $PM_{10}$ | 3.02 | 12.24 |
| | | $PM_{2.5}$ | 3.02 | 12.24 |
| 88-CT7 | Cooling Tower - Complex 7 | VOC | 2.53 | 7.66 |
| | | PM | 4.78 | 19.05 |
| | | $PM_{10}$ | 4.78 | 19.05 |
| | | $PM_{2.5}$ | 4.78 | 19.05 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| Q-CT4 | Cooling Tower - Hydrocracker | VOC | 0.67 | 2.76 |
| | | PM | 1.10 | 4.46 |
| | | $PM_{10}$ | 1.10 | 4.46 |
| | | $PM_{2.5}$ | 1.10 | 4.46 |
| Q-CT5 | Cooling Tower - No. 2 Reformer | VOC | 0.46 | 3.31 |
| | | PM | 0.77 | 3.13 |
| | | $PM_{10}$ | 0.77 | 3.13 |
| | | $PM_{2.5}$ | 0.77 | 3.13 |
| Q-CT8 | Cooling Tower - BTX | VOC | 0.50 | 1.47 |
| | | PM | 0.80 | 3.26 |
| | | $PM_{10}$ | 0.80 | 3.26 |
| | | $PM_{2.5}$ | 0.80 | 3.26 |
| ASPH-RCLDG | Asphalt | VOC | 0.31 | 0.01 |
| ASPH-TLDG | Asphalt | VOC | 0.31 | 0.01 |
| LATEX-TLDG | Latex | VOC | 0.31 | 0.01 |
| RC-RACK1 | Railcar Loading Rack 1 | VOC | 0.37 | 0.01 |
| SULF-RCLDG | Sulfur | VOC | 0.02 | 0.01 |
| SULF-TLDG | Sulfur | VOC | 0.02 | 0.01 |
| MARINE-LDG | Marine Loading | VOC | 478.01 | 63.41 |
| PD-6 | Loading - Dock 6 | VOC | 77.50 | 7.04 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| TO-3 | Dock Combustor TO-3 | $NO_x$ | 15.68 | 18.29 |
| | | VOC | 69.90 | 23.53 |
| | | $SO_2$ | 0.06 | 0.23 |
| | | CO | 11.18 | 9.75 |
| | | PM | 0.75 | 0.91 |
| | | $PM_{10}$ | 0.75 | 0.91 |
| | | $PM_{2.5}$ | 0.75 | 0.91 |
| PMA-LOAD | Loading - PMA Asphalt | VOC | 0.07 | 0.16 |
| TT-RACK1 | Loading - Truck Rack | VOC | 4.33 | 2.01 |
| TO-2 | Truck Rack Thermal Oxidizer | $NO_x$ | 3.25 | 8.83 |
| | | VOC | 9.69 | 7.88 |
| | | $SO_2$ | 0.01 | 0.04 |
| | | CO | 1.74 | 4.71 |
| | | PM | 0.16 | 0.44 |
| | | $PM_{10}$ | 0.16 | 0.44 |
| | | $PM_{2.5}$ | 0.16 | 0.44 |
| Flare-1, HCU-FL1, REF2-FL1, WP-FLARE1, SRU1-FLARE, SRU2-FLARE, SWS-FLARE | Flares Subcap | $NO_x$ | 4.48 | 19.64 |
| | | VOC | 26.88 | 117.75 |
| | | $SO_2$ | 1.62 | 7.09 |
| | | CO | 23.17 | 101.47 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| SRU1-INCIN, SRU2-INCIN | SRUs Subcap | $NO_x$ | 5.35 | 23.44 |
| | | VOC | 0.29 | 1.26 |
| | | $SO_2$ | 66.77 | 292.47 |
| | | CO | 4.41 | 19.30 |
| | | PM | 0.40 | 1.75 |
| | | $PM_{10}$ | 0.40 | 1.75 |
| | | $PM_{2.5}$ | 0.40 | 1.75 |
| FU-1 | DCU Coke Handling Fugitives | PM | 0.62 | 2.52 |
| | | $PM_{10}$ | 0.62 | 2.52 |
| | | $PM_{2.5}$ | 0.62 | 2.52 |
| 2REGENVENT | 2REGENVENT | VOC | 0.01 | 0.01 |
| 4REGENVENT | 4REGENVENT | VOC | 0.02 | 0.07 |
| 91-D-1 | Slurry Tank (Sludge Conc) | VOC | 0.01 | 0.01 |
| 91-D-2 | Make-Up Tk (Sludge Conc) | VOC | 0.01 | 0.01 |
| 91-D-3 | Charge Tank (Sludge Conc) | VOC | 0.01 | 0.01 |
| LS-1 | WWTP Lift Station (Covered) | VOC | 0.08 | 0.36 |
| SUMP-1 | WWTP Sump | VOC | 0.01 | 0.01 |
| WWS-EP | EP CPI Separator (covered) | VOC | 0.13 | 0.55 |
| 91-D-4 | WP Sludge Concentration Tank | VOC | 0.06 | 0.28 |
| 91-D-5 | WP Sludge Concentration Tank | VOC | 0.06 | 0.28 |
| SUMP-2 | WWTP DAF Float & Bottoms Collection Pump sump | VOC | 0.01 | 0.01 |

Emission Sources - Maximum Allowable Emission Rates

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| SUMP-3 | EP CPI Inlet Sump and Excess Inflow Pump | VOC | 0.01 | 0.01 |
| 90-TK-61 | Sludge Holding Tank | VOC | 0.01 | 0.01 |
| 90-TK-65 | DAF Tank | VOC | 1.09 | 4.77 |
| 90-TK-66 | Bioreactor Tank | VOC | 2.14 | 9.37 |
| 90-TK-67 | Bioreactor Tank | VOC | 1.94 | 8.51 |
| 90-TK-68 | Clarifier Tank | VOC | 0.01 | 0.03 |
| 90-TK-69 | Clarifier Tank | VOC | 0.01 | 0.03 |
| 90-TK-85 | DAF Tank | VOC | 1.09 | 4.77 |
| 90-TK-64 | WWTP Biosludge Thickener | VOC | 0.01 | 0.01 |
| 90-TK-78 | WWTP Clarified Activated Biosludge Skimmings Tank | VOC | 0.01 | 0.01 |
| 90-TK-60 | Aerobic digester | VOC | 0.34 | 1.49 |
| T-109 | Tank 109 | VOC | 0.01 | 0.01 |
| QP-SUMP1 | QP Oily Water System Collection Sump & Pump Out System | VOC | 0.01 | 0.01 |
| SUMP-4 | WP Oily Water System Collection Sump and Pump Out System | VOC | 0.01 | 0.01 |

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
$NO_x$ - total oxides of nitrogen
$SO_2$ - sulfur dioxide

Emission Sources - Maximum Allowable Emission Rates

| | |
|---|---|
| PM | - total particulate matter, suspended in the atmosphere, including $PM_{10}$ and $PM_{2.5}$, as represented |
| $PM_{10}$ | - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented |
| $PM_{2.5}$ | - particulate matter equal to or less than 2.5 microns in diameter |
| CO | - carbon monoxide |
| $NH_3$ | - ammonia |
| $Cl_2$ | - chlorine |

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) The annual limits (TPY) apply to the period from August 1, 2010 through July 31, 2011 and for each rolling 12-month period thereafter. The maintenance, startup, and shutdown (MSS) emission caps are independent of the routine operating emission caps. Authorized emissions of a pollutant from facilities in this permit are the sum of the emission cap and the MSS emission cap. The emission points and activities authorized under these emission caps are identified in Attachment 4 to this permit.
(7) These emission caps have been carried forward from the flexible permit and do not include MSS emissions. The only emission cap that is limiting (lower than the sum of the subcaps and individual emission rate limits for that air contaminant) is the hourly cap for CO.
(8) Tanks TK-85, TK-91, TK-93, and TK-96 are subject to the listed subcap only, and do not contribute to the Tanks Subcap.
(9) Emission rate prior to December 31, 2017.
(10) Emission rate after December 31, 2017.

Date: December 13, 2013

ATTACHMENT 1

Permit Numbers 2937 and PSDTX1023M2

Contaminants, Emission Point Numbers,
And Source Names

This table lists the facility identification numbers, emission point numbers, source names, and emission cap contaminants emitted for all emission points on the applicant's property covered by this permit.

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| B-4A | B-4 | COMPLEX 6 WEST BOILER | X | X | X | X | X | | | |
| B-5A | B-5 | COMPLEX 6 EAST BOILER | X | X | X | X | X | | | |
| B-1 | EP-B-1 | COMPLEX 8 BOILER No. 1 | X | X | X | X | X | | | |
| B-2 | EP-B-2 | COMPLEX 8 BOILER No. 2 | X | X | X | X | X | | | |
| B-5 | EP-B-5 | COMPLEX 8 BOILER No. 5 | X | X | X | X | X | | | |
| CT1 | 83-CT1 | COMPLEX 8MAIN COOLING TOWER | | X | | | X | | | |
| CT2 | 84-CT2 | ALKY. COOLING TOWER | | X | | | X | | | |
| CT7 | 88-CT7 | COMPLEX7 MAIN COOLING TOWER | | X | | | X | | | |
| CT4 | Q-CT4 | H.C.U. COOLING TOWER | | X | | | X | | | |
| CT5 | Q-CT5 | No. 2 REFORMER COOLING TOWER | | X | | | X | | | |
| CT8 | Q-CT8 | TBA., SULFO., & BTX. COOLING TOWER | | X | | | X | | | |
| BLR-HSE | BLRHSE-FE | BOILER HOUSE FUGITIVES | | X | | | | X | | |
| BTX1 | BTX1-FE | SULFOLANE BTX. UNIT FUGITIVES | | X | | | | | | B |
| COKER1 | COKER1-FE | DELAYED COKER UNIT FUGITIVES | | X | | | | X | X | B |
| CRU4&VAC4 | CRUVAC4-FE | No. 4 CRUDE & VACUUM UNIT FUGITIVES | | X | | | | X | X | B |
| DEOCT | DEOCT-FE | No. 4 PLAT. SPLT. FUGITIVES | | X | | | | | | B |
| DIST1 | DIST1-FE | KEROSENE HDS FUGITIVES | | X | | | | X | X | B |
| DCOK-11 | DOCK11-FE | MARINE LOADING (DOCK 11) FUGITIVES | | X | | | | | | B |
| DOCK-3 | DOCK3-FE | MARINE LOADING (DOCK 3) FUGITIVES | | X | | | | | | B |
| DOCK-4 | DOCK4-FE | MARINE LOADING (DOCK 4) FUGITIVES | | X | | | | | | B |
| DOCK-6 | DOCK6-FE | MARINE LOADING (DOCK 6) FUGITIVES | | X | | | | | | |
| DOCK-7 | DOCK7-FE | MARINE LOADING (DOCK 7) FUGITIVES | | X | | | | | | B |
| EP-FLR-CVS | EP-FLR-FE | COMPLEX 8 FLARE FUGITIVES | | X | | | | X | | B |
| FCCU1 | FCCU1-FE | F.C.C.U. FUGITIVES | | X | | | | X | X | B |
| GOT1 | GOT1-FE | DIESEL HDS FUGITIVES | | X | | | | X | X | B |
| HCU | HCU-FE | HYDROCRACKER UNIT FUGITIVES | | X | | | | X | X | B |
| HCUFLR-CVS | HCU-FLR-FE | HYDROCRACKER FLARE HEADER FUGITIVES | | X | | | | X | | |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| KERO1 | KERO1-FE | KEROSENE H.D.S. FUGITIVES | | X | | | | X | X | B |
| LEF1 | LEF1-FE | No. 1 L.E.F. @ S.S. (XYLENE TOWER FUGITIVES | | X | | | | | | |
| LEU1 | LEU1-FE | No. 1 L.E.U. FUGITIVES | | X | | | | X | X | B |
| LEU2 | LEU2-FE | No. 2 L.E.U. FUGITIVES | | X | | | | X | X | B |
| MEROX-WP | MEROXWP-FE | F.C.C. GASOLINE MEROX FUGITIVES | | X | | | | X | | |
| NEWBZ-FE | NEWBZ-FE | BENZENE SWS FUGITIVES | | X | | | | X | X | B |
| NEWSWS-FE | NEWSWS-FE | SOUR WATER STRIPPER FUGITIVES | | X | | | | X | X | B |
| NONENE1 | NONENE1-FE | NONENE UNIT FUGITIVES | | X | | | | | | |
| PSA-FE | PSA-FE | PRESSURE SWING ABSORBER | | X | | | | | | B |
| Q-BTX | QBTX-FE | SULFOLANE & BTX. UNIT FUGITIVES | | X | | | | | | B |
| Q-NAPHDS2 | QHDS2-FE | No. 2 NAPHTHA H.D.S. FUGITIVES | | X | | | | X | | |
| Q-NAP SPLT | QNAPSPL-FE | No. 2 NAPHTHA (No. 2 REFORMER). SPLITTER FUGITIVES | | X | | | | X | | |
| Q-REF2 | QREF2-FE | No. 2 REFORMER FUGITIVES | | X | | | | | | |
| Q-SULFO | QSULFO-FE | SULFOCANE FUGITIVES | | X | | | | | | B |
| RAFF1 | RAFF1-FE | No. 1 RAFFINATE SPLITTER | | X | | | | | | |
| RAFF2 | RAFF2-FE | No. 2 RAFFINATE SPLITTER | | X | | | | | | |
| REF2FL-CVS | REF2-FL-FE | No. 2 REFORMER FLARE HEADER | | X | | | | X | | B |
| REF4 | REF4-FE | No. 4 HYDROBON & PLATFORMER FUGITIVES | | X | | | | X | X | B |
| SMR | SMR-FE | HYDROGEN PRODUCTION (S.M.R.) FUGITIVES | | X | | | | X | X | B |
| SRU1 | SRU1-FE | SRU No. 1FUGITIVES | | X | | | | X | X | B |
| SUR2-FE | SRU2-FE | SRU No. 2 FUGITIVES | | X | | | | X | X | B |
| SULFO1 | SULFO1-FE | SULFOLANE FUGITIVES | | X | | | | | | B |
| SWS1 | SWS1-FE | S.W.S. UNIT FUGITIVES | | X | | | | X | X | B |
| SWS2-FE | SWS2-FE | BENZENE S.W.S. FUGITIVES | | X | | | | X | X | B |
| TKFM-EPN | TKFMEPN-FE | COMPLEX 8 NORTH TANK FARM FUGITIVES | | X | | | | | | B |
| TKFM-EPS | TKFMEPS-FE | COMPLEX 8 SOUTH TANK FARM FUGITIVES | | X | | | | | | B |
| TKFM-QPN | TKFMQPN-FE | COMPLEX 6 NORTH TANK FARM FUGITIVES | | X | | | | | | B |
| TKFM-WP | TKFMWP-FE | COMPLEX 7 TANK FARM FUGITIVES | | X | | | | | | B |
| TRUCKRK | TRUCKRK-FE | TRUCK LOADING RACK FUGITIVES | | X | | | | | | |
| WP-FLR-CVS | WP-FLR-FE | COMPLEX 7 FLARE FUGITIVES | | X | | | | X | | |
| H-1FCCU1 | 12-H-1 | F.C.C.U. RAW OIL CHARGE HEATER | X | X | X | X | X | | | |
| H-1BTX1 | 27-H-1 | BTX. CLAY TWR. CHARGE HEATER | X | X | X | X | X | | | |
| H-1KERO1 | 37-H-1 | KERO. H.D.S. CHARGE HEATER | X | X | X | X | X | | | |
| H-2KERO1 | 37-H-2 | KERO. H.D.S. FRAC. REBOILER | X | X | X | X | X | | | |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| H-1REF4 | 39-H-1 | No. 4 HYDROCARBON CHRGE. HEATER | X | X | X | X | X | | | |
| H-2REF4 | 39-H-2 | No. 4 HYDROBON. STRIPPER REBOILER | X | X | X | X | X | | | |
| H-3REF4A | 39-H-3A | No. 4 PLATFORMER CHARGE HEATER | X | X | X | X | X | | | |
| H-3REF4B | 39-H-3B | No. 4 PLATFORMER CHARGE HEATER | X | X | X | X | X | | | |
| H-3REF4C | 39-H-3C | No. 4 PLATFORMER CHARGE HEATER | X | X | X | X | X | | | |
| H-3REF4D | 39-H-3C | No. 4 PLATFORMER CHARGE HEATER | X | X | X | X | X | | | |
| H-7REF4 | 39-H-7 | No. 4 PLATFORMER STAB. REBOILER | X | X | X | X | X | | | |
| H-1GOT1 | 44-H-1 | DIESEL HDS HEATER | X | X | X | X | X | | | |
| H-2GOT1 | 44-H-2 | DIESEL HDS HEATER | X | X | X | X | X | | | |
| H-3GOT1 | 44-H-3 | DIESEL HDS HEATER | X | X | X | X | X | | | |
| H-2COKE1 | 7-H-2 | DELAYED COKER CHARGE HEATER | X | X | X | X | X | | | |
| H-3VAC4 | 8-H-3 | No. 4 VACUUM CHARGE HEATER | X | X | X | X | X | | | |
| H-4CRU4 | 8-H-4 | No. 4 CRUDE CHARGE HEATER | X | X | X | X | X | | | |
| H-5VAC4 | 8-H-5 | No. 4 VACUUM CHARGE HEATER | X | X | X | X | X | | | |
| H-6CRU4 | 8-H-6 | No. 4 CRUDE CHARGE HEATER | X | X | X | X | X | | | |
| H-TK-47 | H-TK-47 | TANK 47 HEATER | X | X | X | X | X | | | |
| H-TK-48 | H-TK-48 | TANK 48 HEATER | X | X | X | X | X | | | |
| H-TK-54 | H-TK-54 | TANK 54 HEATER | X | X | X | X | X | | | |
| H-TK-70 | H-TK-70 | TANK 70 HEATER | X | X | X | X | X | | | |
| H-TK-83 | H-TK-83 | TANK 83 HEATER | X | X | X | X | X | | | |
| H-4QNAPSPL | Q3-H-4A/B | NAPHTHA SPLT. REBOILER | X | X | X | X | X | | | |
| H-3HDS2A | Q3-H-3 | No. 2 NAPHTHA H.D.S. HEATER | X | X | X | X | X | | | |
| H-3HDS2B | Q3-H-3 | S.M.R. HEATER | X | X | X | X | X | | | |
| H-3HDS2C | Q3-H-3 | H.C.U. DEBUT REBOILER | X | X | X | X | X | | | |
| H-1SMR | Q10-H-1 | S.M.R. HEATER | X | X | X | X | X | | | |
| H-3001HCU | Q11-H-3001 | H.C.U. DEBUT REBOILER | X | X | X | X | X | | | |
| H-3002HCU | Q11-H-3002 | H.C.U. FRAC. REBOILER | X | X | X | X | X | | | |
| H-301HCU | Q11-H-301 | H.C.U. RX. CHARGE HEATER | X | X | X | X | X | | | |
| H-125QREF2A | QH-125 | No. 2 REFORMER HEATER | X | X | X | X | X | | | |
| H-125QREF2B | QH-125 | No. 2 REFORMER HEATER | X | X | X | X | X | | | |
| H-125QREF2C | QH-125 | No. 2 REFORMER HEATER | X | X | X | X | X | | | |
| L-10QHDA | QL-10 | No. 4 PLATFORMER SPLITTER HEATER | X | X | X | X | X | | | |
| SRU1-INCIN | SRU1-INCIN | SRU No. 1 INCINERATOR | X | X | X | X | X | X | | |
| SRU2-INCIN | SRU2-INCIN | SRU No. 2 INCINERATOR | X | X | X | X | X | X | | |
| ASPH-RCLDG | ASPH-RCLDG | ASPHALT & LATEX RAILCAR LOADING | | X | | | | | | |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| ASPH-TLDG | ASPH-TLDG | ASPHALT TRUCK LOADING | | X | | | | | | |
| DOCK-6 | PD-6 | MARINE LOADING (DOCK 6) FUGITIVES | | X | | | | | | |
| LATEX-TLDG | LATEX-TLDG | LATEX TRUCK LOADING | | X | | | | | | |
| MARINE-LDG | MARINE-LDG | MARINE LOADING | | X | | | | | | B |
| RC-RACK1 | RC-RACK1 | RAILCAR LOADING | | X | | | | | | |
| SULF-RCLDG | SULF-RCLDG | SULFUR RAILCAR LOADING | | X | | | | | | |
| SULF-TLDG | SULF-TLDG | SULFUR TRUCK LOADING | | X | | | | | | |
| TO2 | TO-2 | THERMAL OXIDIZER | X | X | X | X | X | | | B |
| TO-3 | TO-3 | NEW MARINE LOADING THERMAL OXIDIZER | X | X | X | X | X | | | B |
| TT-RACK | TT-RACK1 | TRUCK LOADING RACK | | X | | | | | | B |
| REG+CO+ESP | 12-COSTK | F.C.C.U. & CO BOILER & E.S.P. | X | X | X | X | X | | | A |
| REF2-V1 | 2REGENVENT | No. 2 REFORMER REGEN VENT | | X | | | | | | C |
| REF4-V4 | 4REGENVENT | No. 4 PLATFORMER REGEN VENT | | X | | | | | | C |
| T-123 | TK-123 | TANK 123 | | X | | | | | | |
| T-124 | TK-124 | TANK 124 | | X | | | | | | |
| T-125 | TK-125 | TANK 125 | | X | | | | | | |
| T-126 | TK-126 | TANK 126 | | X | | | | | | |
| T-131 | TK-131 | TANK 131 | | X | | | | | | |
| T-132 | TK-132 | TANK $13_2$ | | X | | | | | | |
| T-133 | TK-133 | TANK 133 | | X | | | | | | |
| T-231 | TK-231 | TANK 231 | | X | | | | | | |
| T-232 | TK-232 | TANK $23_2$ | | X | | | | | | |
| T-233 | TK-233 | TANK 233 | | X | | | | | | |
| T-234 | TK-234 | TANK 234 | | X | | | | | | |
| T-235 | TK-235 | TANK 235 | | X | | | | | | |
| T-380 | TK-380 | TANK 380 | | X | | | | | | |
| T-381 | TK-381 | TANK 381 | | X | | | | | | |
| T-382 | TK-382 | TANK $38_2$ | | X | | | | | | |
| T-383 | TK-383 | TANK 383 | | X | | | | | | |
| T-29-18 | 29-TK-18 | M.D.E.A. TANK | | X | | | | | | |
| SWS1-T3 | SWS1-T3 | SOUR WATER SURGE TANK | | X | | | | | | |
| T-10 | TK-10 | TANK 10 | | X | | | | | | |
| T-100 | TK-100 | TANK 100 | | X | | | | | | B |
| T-101 | TK-101 | TANK 101 | | X | | | | | | |
| T-102 | TK-102 | TANK 102 | | X | | | | | | B |
| T-104 | TK-104 | TANK 104 | | X | | | | | | |
| T-106 | TK-106 | TANK 96-TK-$014_2$ | | X | | | | | | |
| T-107 | TK-107 | TANK 107 | | X | | | | | | B |
| T-109 | TK-109 | TANK 109 | | X | | | | | | B |
| T-110 | TK-110 | TANK 110 | | X | | | | | | |
| T-11 | TK-11 | TANK 11 | | X | | | | | | |
| T-111 | TK-111 | TANK 111 | | X | | | | | | B |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| T-112 | TK-112 | TANK 112 | | X | | | | | | B |
| T-113 | TK-113 | TANK 113 | | X | | | | | | |
| T-114 | TK-114 | TANK 114 | | X | | | | | | |
| T-115 | TK-115 | TANK 115 | | X | | | | | | |
| T-116 | TK-116 | TANK 116 | | X | | | | | | |
| T-118 | TK-118 | TANK 118 | | X | | | | | | |
| T-122 | TK-122 | TANK 122 | | X | | | | | | |
| T-127 | TK-127 | TANK 127 | | X | | | | | | |
| T-128 | TK-128 | TANK 128 | | X | | | | | | B |
| T-134 | TK-134 | TANK 134 | | X | | | | | | |
| T-135 | TK-135 | TANK 135 | | X | | | | | | |
| T-138 | TK-138 | TANK 138 | | X | | | | | | |
| T-14 | TK-14 | TANK 14 | | X | | | | | | B |
| T-142 | TK-142 | TANK 142 | | X | | | | | | |
| T-146 | TK-146 | TANK 146 | | X | | | | | | B |
| T-147 | TK-147 | TANK 147 | | X | | | | | | B |
| T-15 | TK-15 | TANK 15 | | X | | | | | | B |
| T-151 | TK-151 | TANK 151 | | X | | | | | | B |
| T-152 | TK-152 | TANK 152 | | X | | | | | | B |
| T-153 | TK-153 | TANK 153 | | X | | | | | | |
| T-17 | TK-17 | TANK 17 | | X | | | | | | |
| T-19 | TK-19 | TANK 19 | | X | | | | | | B |
| T-20 | TK-20 | TANK 20 | | X | | | | | | B |
| T-200 | TK-200 | TANK 200 | | X | | | | | | B |
| T-201 | TO-2 | TANK 201 | | X | X | X | | | | B |
| T-202 | TK-202 | TANK 202 | | X | | | | | | B |
| T-203 | TK-203 | TANK 203 | | X | | | | | | B |
| T-204 | TK-204 | TANK 204 | | X | | | | | | B |
| T-205 | TK-205 | TANK 205 | | X | | | | | | B |
| T-206 | TK-206 | TANK 206 | | X | | | | | | |
| T-207 | TK-207 | TANK 207 | | X | | | | | | B |
| T-208 | TK-208 | TANK 208 | | X | | | | | | |
| T-209 | TK-209 | TANK 209 | | X | | | | | | |
| T-21 | TK-21 | TANK 21 | | X | | | | | | B |
| T-210 | TK-210 | TANK 210 | | X | | | | | | |
| T-211 | TK-211 | TANK 211 | | X | | | | | | |
| T-212 | TK-212 | TANK 212 | | X | | | | | | |
| T-213 | TK-213 | TANK 213 | | X | | | | | | |
| T-214 | TK-214 | TANK 214 | | X | | | | | | |
| T-215 | TK-215 | TANK 215 | | X | | | | | | |
| T-236 | TK-236 | TANK 236 | | X | | | | | | B |
| T-237 | TK-237 | TANK 237 | | X | | | | | | |
| T-22 | TK-22 | TANK 22 | | X | | | | | | B |
| T-23 | TK-23 | TANK 23 | | X | | | | | | |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| T-25 | TK-25 | TANK 25 | | X | | | | | | |
| T-310 | TK-310 | TANK 310 | | X | | | | | | |
| T-311 | TK-311 | TANK 311 | | X | | | | | | |
| T-312 | TK-312 | TANK 312 | | X | | | | | | |
| T-320 | TK-320 | TANK 320 | | X | | | | | | |
| T-321 | TK-321 | TANK 321 | | X | | | | | | |
| T-322 | TK-322 | TANK 322 | | X | | | | | | |
| T-323 | TK-323 | TANK 323 | | X | | | | | | B |
| T-324 | TK-324 | TANK 324 | | X | | | | | | B |
| T-325 | TK-325 | TANK 325 | | X | | | | | | |
| T-326 | TK-326 | TANK 326 | | X | | | | | | B |
| T-327 | TK-327 | TANK 327 | | X | | | | | | |
| T-328 | TK-328 | TANK 328 | | X | | | | | | |
| T-329 | TK-329 | TANK 329 | | X | | | | | | B |
| T-330 | TK-330 | TANK 330 | | X | | | | | | B |
| T-331 | TK-331 | TANK 331 | | X | | | | | | B |
| T-332 | TK-332 | TANK 332 | | X | | | | | | |
| T-333 | TK-333 | TANK 333 | | X | | | | | | B |
| T-334 | TK-334 | TANK 334 | | X | | | | | | |
| T-335 | TK-335 | TANK 335 | | X | | | | | | |
| T-336 | TK-336 | TANK 336 | | X | | | | | | |
| T-350 | TK-350 | TANK 350 | | X | | | | | | B |
| T-351 | TK-351 | TANK 351 | | X | | | | | | B |
| T-352 | TK-352 | TANK 352 | | X | | | | | | B |
| T-353 | TK-353 | TANK 353 | | X | | | | | | |
| T-354 | TK-354 | TANK 354 | | X | | | | | | |
| T-355 | TK-355 | TANK 355 | | X | | | | | | B |
| T-356 | TK-356 | TANK 356 | | X | | | | | | B |
| T-357 | TK-357 | TANK 357 | | X | | | | | | B |
| T-358 | TK-358 | TANK 358 | | X | | | | | | B |
| T-359 | TK-359 | TANK 359 | | X | | | | | | |
| T-360 | TK-360 | TANK 360 | | X | | | | | | |
| T-370 | TK-370 | TANK 370 | | X | | | | | | B |
| T-371 | TK-371 | TANK 371 | | X | | | | | | B |
| T-47 | TK-47 | TANK 47 | | X | | | | | | |
| T-48 | TK-48 | TANK 48 | | X | | | | | | |
| T-50 | TK-50 | TANK 50 | | X | | | | | | |
| T-500 | TK-500 | TANK 500 | | X | | | | | | |
| T-501 | TK-501 | TANK 501 | | X | | | | | | |
| T-502 | TK-502 | TANK 502 | | X | | | | | | |
| T-503 | TK-503 | TANK 503 | | X | | | | | | |
| T-504 | TK-504 | TANK 504 | | X | | | | | | |
| T-505 | TK-505 | TANK 505 | | X | | | | | | B |
| T-506 | TK-506 | TANK 506 | | X | | | | | | B |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| T-507 | TK-507 | TANK 507 | | X | | | | | | B |
| T-508 | TK-508 | TANK 508 | | X | | | | | | |
| T-509 | TK-509 | TANK 509 | | X | | | | | | B |
| T-51 | TK-51 | TANK 51 | | X | | | | | | |
| T-510 | TK-510 | TANK 510 | | X | | | | | | B |
| T-52 | TK-52 | TANK 52 | | X | | | | | | |
| T-53 | TK-53 | TANK 53 | | X | | | | | | |
| T-54 | TK-54 | TANK 54 | | X | | | | | | |
| T-55 | TK-55 | TANK 55 | | X | | | | | | |
| T-57 | TK-57 | TANK 57 | | X | | | | | | |
| T-58 | TK-58 | TANK 58 | | X | | | | | | B |
| T-7 | TK-7 | TANK 7 | | X | | | | | | |
| T-70 | TK-70 | TANK 70 | | X | | | | | | |
| T-71 | TK-71 | TANK 71 | | X | | | | | | |
| T-72 | TK-72 | TANK 72 | | X | | | | | | B |
| T-73 | TK-73 | TANK 73 | | X | | | | | | B |
| T-74 | TK-74 | TANK 74 | | X | | | | | | B |
| T-75 | TK-75 | TANK 75 | | X | | | | | | |
| T-76 | TK-76 | TANK 76 | | X | | | | | | B |
| T-77 | TK-77 | TANK 77 | | X | | | | | | |
| T-79 | TK-79 | TANK 79 | | X | | | | | | B |
| T-80 | TK-80 | TANK 80 | | X | | | | | | |
| T-81 | TK-81 | TANK 81 | | X | | | | | | |
| T-82 | TK-82 | TANK 82 | | X | | | | | | B |
| T-83 | TK-83 | TANK 83 | | X | | | | | | |
| T-84 | TK-84 | TANK 84 | | X | | | | | | B |
| T-85 | TK-85 | TANK 85 | | X | | | | | | B |
| T-86 | TK-86 | TANK 86 | | X | | | | | | |
| T-87 | TK-87 | TANK 87 | | X | | | | | | |
| T-88 | TK-88 | TANK 88 | | X | | | | | | B |
| T-89 | TK-89 | TANK 89 | | X | | | | | | B |
| T-9 | TK-9 | TANK 9 | | X | | | | | | B |
| T-90 | TK-90 | TANK 90 | | X | | | | | | B |
| T-91 | TK-91 | TANK 91 | | X | | | | | | B |
| T-92 | TK-92 | TANK 92 | | X | | | | | | B |
| T-93 | TK-93 | TANK 93 | | X | | | | | | B |
| T-94 | TK-94 | TANK 94 | | X | | | | | | B |
| T-95 | TK-95 | TANK 95 | | X | | | | | | B |
| T-96 | TK-96 | TANK 96 | | X | | | | | | B |
| T-97 | TK-97 | TANK 97 | | X | | | | | | B |
| T-98 | TK-98 | TANK 98 | | X | | | | | | B |
| T-99 | TK-99 | TANK 99 | | X | | | | | | B |
| T-108 | TO-2 | TANK 108 | | X | | | | | | B |
| T-141 | TO-2 | TANK 141 | | X | | | | | | |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| T-143 | TO-2 | TANK 143 | | X | | | | | | B |
| T-144 | TO-2 | TANK 144 | | X | | | | | | B |
| T-145 | TO-2 | TANK 145 | | X | | | | | | B |
| E.P. FLARE | EP-FLARE1 | COMPLEX 8 FLARE | X | X | X | X | | X | | B |
| ALKY-V1 | EP-FLARE1 | COMPLEX 8 FLARE | | X | | | | | | |
| BTX1-V1 | EP-FLARE1 | COMPLEX 8 FLARE | | X | | | | | | B |
| PPBBMER-V1 | EP-FLARE1 | COMPLEX 8 FLARE | | X | | | | | | |
| HCU-FLARE | HCU-FL1 | H.C.U. AREA FLARE | X | X | X | X | | | | |
| REF2-FLARE | REF2-FL1 | No. 2 REFORMER AREA FLARE | X | X | X | X | | X | | B |
| QBTX-V1 | REF2-FL1 | No. 2 REFORMER AREA FLARE | | X | | | | | | B |
| QPSULF-V1 | REF2-FL1 | No. 2 REFORMER AREA FLARE | | X | | | | | | B |
| SRU1-FLARE | SRU1-FLARE | SRU No. 1 FLARE | X | X | X | X | | X | | |
| SRU2-FLARE | SRU2-FLARE | SRU No. 2 FLARE | X | X | X | X | | X | | |
| SWS-FLARE | SWS-FLARE | SOUR H2O STRIP FLARE | X | X | X | X | | X | | |
| WP-FLARE | WP-FLARE1 | COMPLEX 7 FLARE | X | X | X | X | | | | |
| SWS1-V2 | WP-FLARE1 | COMPLEX 7 FLARE | X | X | | | | X | X | |
| SWS2-V1 | WP-FLARE1 | COMPLEX 7 FLARE | X | X | | | | X | X | B |
| ARU1-V1 | WP-FLARE1 | COMPLEX 7 FLARE | X | X | | | | X | X | |
| ARU2-V1 | WP-FLARE1 | COMPLEX 7 FLARE | X | X | | | | X | X | |
| WP-FLARE2 | WP-FLARE2 | COMPLEX 7 FLARE | X | X | X | X | | | | |
| 148-H-01 | 148-H-01 | No. 2 DHT CHARGE HEATER | X | X | X | X | X | | | |
| 148-H-02 | 148-H-02 | No. 2 DHT REBOILER | X | X | X | X | X | | | |
| SMR2 | SMR2 | No. 2 SMR HEATERS 1, 2, AND 3 | X | X | X | X | X | | | |
| PMA-FE | PMA-FE | ASPHALT BLENDING UNIT FUGITIVES | | X | | | | | | |
| 175-TK-001 | 175-TK-001 | ASPHALT BLENDING UNIT WETTING TANK | | X | | | | | | |
| 175-TK-002 | 175-TK-002 | ASPHALT BLENDING UNIT MIXING TANK | | X | | | | | | |
| 175-TK-003 | 175-TK-003 | ASPHALT BLENDING UNIT MIXING TANK | | X | | | | | | |
| PMA-LOAD | PMA-LOAD | ASPHALT BLENDING UNIT LOADING | | X | | | | X | | |
| DIST2-FE | DIST2-FE | DISTILLATE HYDROTREATER FUGITVES | | X | | | | X | X | B |
| SMR2-FE | SMR2-FE | $SMR_2$FUGITIVES | | X | | | | X | X | B |
| WWTP | 90-TK-61 | SLUDGE HOLDING TANK | | X | | | | | | B |
| WWTP | 90-TK-65 | DAF TANK | | X | | | | | | B |
| WWTP | 90-TK-66 | BIOREACTOR TANK | | X | | | | | | B |
| WWTP | 90-TK-67 | BIOREACTOR TANK | | X | | | | | | B |
| WWTP | 90-TK-68 | CLARIFIER TANK | | X | | | | | | B |
| WWTP | 90-TK-69 | CLARIFIER TANK | | X | | | | | | B |
| WWTP | 90-TK-85 | DAF TANK | | X | | | | | | B |
| WWTP | 91-D-1 | SLURRY TANK (SLUDGE CONC) | | X | | | | | | B |
| WWTP | 91-D-2 | MAKE-UP TK (SLUDGE CONC) | | X | | | | | | B |

| Facility Identification Number | Emission Point Number (1) | Source Name (2) | Emission Cap Contaminants Emitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | $SO_2$ | VOC | $NO_x$ | CO | PM | $H_2S$ | $NH_3$ | other |
| WWTP | 91-D-3 | CHARGE TANK (SLUDGE CONC) | | X | | | | | | B |
| WWTP | LS-1 | WWTP LIFT STATION (COVERED) | | X | | | | | | B |
| WWTP | SUMP-1 | WWTP SUMP | | X | | | | | | B |
| WWTP | T-109 | TANK 109 | | X | | | | | | B |
| WWTP | WWS-EP | EP CPI SEPARATOR (COVERED) | | X | | | | | | B |
| WWTP | 91-D-4 | WP SLUDGE CONCENTRATION TANK | | X | | | | | | B |
| WWTP | 91-D-5 | WP SLUDGE CONCENTRATION TANK | | X | | | | | | B |
| WWTP | QP-SUMP1 | QP OILY WATER SYSTEM COLL. SUMP/PUMP OUT SYS. | | X | | | | | | B |
| WWTP | SUMP-2 | WWTP DAF FLOAT/BOTTOMS COLL. PUMP SUMP | | X | | | | | | B |
| WWTP | SUMP-3 | EP CPI INLET SUMP AND EXCESS INFLOW PUMP | | X | | | | | | B |
| WWTP | SUMP-4 | WP OILY WATER SYSTEM COLL. SUMP/PUMP OUT SYS. | | X | | | | | | B |
| WWTP | 90-TK-64 | WWTP BIOSLUDGE THICKENER | | X | | | | | | B |
| WWTP | 90-TK-78 | WWTP CLARIFIED ACT. BIOSLUDGE SKIM TANK | | X | | | | | | B |
| WWTP | 90-TK-60 | AEROBIC DIGESTER | | X | | | | | | B |
| CH1 | CH1 | TRUCK DUMP FUG. | | | | | X | | | |
| CH2 | CH2 | HOPPER & CONVEYOR FUGITIVES | | | | | X | | | |
| CH3 | CH3 | COKE STOCKPILE FUGITIVES | | | | | X | | | |
| NH3REF | NH3REF-FE | AMMONIA FUGITIVES | | | | | | | X | |
| V116T202 | Q3-H-4 | VENT/HEATER | | X | | | | | | B |
| FU-1 | FU-1 | COKE DRUM & CLAM SHELL FUGITIVES | | | | | X | | | |
| V154T010 | QL-10 | VENT/HEADEER | | X | | | | | | B |

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources use area name or fugitive source name.
(3) $SO_2$ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
$NO_x$ - total oxides of nitrogen
CO - carbon monoxide
PM - particulate matter, suspended in the atmosphere, including $PM_{10}$
$PM_{10}$ - particulate matter equal to or less than $_{10}$microns in diameter
$NH_3$ - ammonia
$H_2S$ - hydrogen sulfide
A - sulfuric acid
B - benzene
C - chlorine and hydrogen chloride