FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Shell Chemical LP

AUTHORIZING THE OPERATION OF
Chemical Plant
Petroleum Refineries

LOCATED AT
Harris County, Texas
Latitude 29° 42' 42" Longitude 95° 7' 10"
Regulated Entity Number: RN100211879

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: O1668 Issuance Date: _____

_____
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. Emission units subject to 40 CFR Part 63, Subparts A, F, G, H, YY, EEE, FFFF, ZZZZ, and DDDDD as identified in the attached Applicable Requirements Summary table are

subject to 30 TAC Chapter 113, Subchapter C, § 113.100, § 113.110, § 113.120, § 113.130, § 113.560, § 113.620, § 113.890, § 113.1090, and § 113.1130 which incorporates the 40 CFR Part 63 Subpart by reference.

F. For the purpose of generating emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 1 (Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 101.302 (relating to General Provisions)

(ii) Title 30 TAC § 101.303 (relating to Emission Reduction Credit Generation Certification)

(iii) Title 30 TAC § 101.304 (relating to Mobile Emission Reduction Credit Generation and Certification)

(iv) Title 30 TAC § 101.309 (relating to Emission Credit Banking and Trading)

(v) The terms and conditions by which the emission limits are established to generate the reduction credit are applicable requirements of this permit

G. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:

(i) Title 30 TAC § 101.352 (relating to General Provisions)

(ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)

(iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)

(iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)

(v) Title 30 TAC § 101.359 (relating to Reporting)

(vi) Title 30 TAC § 101.360 (relating to Level of Activity Certification)

(vii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit

H. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 101.372 (relating to General Provisions)

(ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)

(iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)

(iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)

(v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit

I. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 6 (Highly Reactive Volatile Organic Compound Emissions Cap and Trade Program) requirements:

(i) Title 30 TAC § 101.393 (relating to General Provisions)

(ii) Title 30 TAC § 101.394 (relating to Allocation of Allowances)

(iii) Title 30 TAC § 101.396 (relating to Allowance Deductions)

(iv) Title 30 TAC § 101.399 (relating to Allowance Banking and Trading)

(v) Title 30 TAC § 101.400 (relating to Reporting)

(vi) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit

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 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. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(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 source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once

during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources 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 sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source 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)(8) and (a)(8)(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)(8)(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.

D. 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.

E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

F. 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)

G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

(i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)

(ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).

5. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements for wastewater drains, junction boxes, lift stations and weirs:

A. Title 30 TAC § 115.142(1)(E) and (F) (relating to Control Requirements)

B. Title 30 TAC § 115.145 (relating to Approved Test Methods)

C. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)

D. Title 30 TAC § 115.147(2) (relating to Exemptions), for streams with an annual VOC loading of 10 megagrams (11.03 tons) or less

E. Title 30 TAC § 115.148 (relating to Determination of Wastewater Characteristics)

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

A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities specified in 30 TAC Chapter 115, Subchapter C, the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 115.221 (relating to Emission Specifications)

(ii) Title 30 TAC § 115.222 (relating to Control Requirements)

(iii) Title 30 TAC § 115.223 (relating to Alternate Control Requirements)

(iv) Title 30 TAC § 115.224 (relating to Inspection Requirements)

(v) Title 30 TAC § 115.225 (relating to Testing Requirements)

(vi) Title 30 TAC § 115.226 (relating to Recordkeeping Requirements)

7. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:

A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 115.541(a) - (c) (relating to Emission Specifications)

(ii) Title 30 TAC § 115.541(f) (relating to Emission Specifications), for floating roof storage tanks

(iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.

(iv) Title 30 TAC § 115.542(b) - (d), (relating to Control Requirements)

(v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)

(vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections

(vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring

(viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices

(ix) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)

(x) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring

(xi) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)

(xii) Title 30 TAC § 115.545(1) - (7), (9) - (11) and (13) (relating to Approved Test Methods)

(xiii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping

(xiv) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)

(xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)

(xvi) Title 30 TAC § 115.546(b) (relating to Recordkeeping and Notification Requirements), for notification

(xvii) Title 30 TAC § 115.547(4) (relating to Exemptions)

8. 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)

9. 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)

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. 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.

13. 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).

14. 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)(i) and (e)(1)(ii) (relating to Applicability), for 40 CFR Part 63, Subpart G applicability to Group 1 or 2 Wastewater Streams

15. 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 § 63.132(b), (b)(1), (b)(1)(i), (b)(2), and (b)(2)(i) (relating to Process Wastewater Provisions - General)

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

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

16. 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

C. For facilities operating flow indicators:

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

(ii) Title 40 CFR § 63.148(f)(1), (i)(3)(i) (relating to Leak Inspection Provisions), for recordkeeping requirements

(iii) Title 40 CFR § 63.148(j)(2) (relating to Leak Inspection Provisions), for reporting requirements

D. For facilities not operating flow indicators:

(i) Title 40 CFR § 63.148(f)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements

(ii) Title 40 CFR § 63.148(i)(3)(ii) (relating to Leak Inspection Provisions), for recordkeeping requirements

(iii) Title 40 CFR § 63.148(j)(3) (relating to Leak Inspection Provisions), for reporting requirements

17. For the chemical manufacturing facilities subject to wastewater operations 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. Title 40 CFR § 63.136(a) (relating to Process Wastewater Provisions - Individual Drain Systems)

B. Title 40 CFR § 63.136(b) - (d) (relating to Process Wastewater Provisions - Individual Drain Systems)

C. Title 40 CFR § 63.136(e) - (g) (relating to Process Wastewater Provisions - Individual Drain Systems)

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 transfer of waste from ethylene production facilities subject to 40 CFR Part 63, Subpart YY the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.560 incorporated by reference):

A. Title 40 CFR § 63.1096(a) - (d) (Title 30 TAC Chapter 113, Subchapter C, § 113.550 incorporated by reference)

B. Title 40 CFR § 63.1109(a) and (c)

20. For benzene laden waste streams from ethylene process facilities subject to 40 CFR Part 63, Subpart YY with total annual benzene quantity from the facility of 10 megagrams per year or more the permit holder shall comply with the following requirements as specified in 40 CFR § 63.1095(b)(2) (Title 30 TAC Chapter 113, Subchapter C, § 113.560 incorporated by reference):

    A. For facilities with waste managed in individual drain systems the permit holder shall comply with the following requirements:

        (i) Title 40 CFR § 61.346(a)(1)(i)(A), (B), (ii), (2), and (3) (relating to Standards: Individual Drain Systems)

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

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

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

21. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).

22. For miscellaneous chemical process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart FFFF, the permit holder shall comply with the requirements of 40 CFR § 63.132(a), (a)(1), (a)(1)(i), and (a)(3) as specified in § 63.2485(a) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).

23. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

24. 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 or minimum frequency 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

25. 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 (including the permits by rule identified in the PBR Supplemental Tables in the application), 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

26. 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.

27. 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).

28. The permit holder shall comply with the terms and conditions of the air addendum of the Industrial Hazardous Waste permits listed in the New Source Review Authorization Reference Attachment. Requirements other than those of the air addendum are not applicable to this operating permit.

29. 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. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

30. The permit holder shall comply with the following requirements for flexible permits of 30 TAC Chapter 116:

    A. Title 30 TAC § 116.715 (relating to General and Special Conditions)

    B. Title 30 TAC § 116.716 (relating to Emission Caps and Individual Emission Limitations)

    C. Title 30 TAC § 116.717 (relating to Implementation Schedule for Additional Controls)

D. Title 30 TAC § 116.718 (relating to Significant Emission Increase)

E. Title 30 TAC § 116.720 (relating to Limitation on Physical and Operational Changes)

F. Title 30 TAC § 116.721(a) (relating to requirements for Amendments and Alterations)

Compliance Requirements

31. 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.

32. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:

A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:

(i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:

(1) Title 30 TAC § 117.9020(2)(A), (C), and (D)

B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(c) and (c)(1).

C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.

33. Use of Emission Credits to comply with applicable requirements:

A. Unless otherwise prohibited, the permit holder may use 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) Offsets for Title 30 TAC Chapter 116

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

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)

(ii) The 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 1

(iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

34. 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

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

35. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

36. 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. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

Permit Location

37. 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)

38. 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

Applicable Requirements Summary

Unit Summary **21**

Applicable Requirements Summary **109**

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 (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
A1304	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
A13113	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
A1315	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
A1333	FLARES	N/A	R1111-FLR	30 TAC Chapter 111, Visible Emissions	No changing attributes.
A1333	FLARES	N/A	R5FLR-MULT	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
A1333	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A1333	FLARES	N/A	60A-FLR1	40 CFR Part 60, Subpart A	No changing attributes.
A1333	FLARES	N/A	63A-FLR1	40 CFR Part 63, Subpart A	No changing attributes.
ACNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5MAR-FLR	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
AERAT	WASTEWATER UNITS	N/A	R5140-BIO	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
AP18	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
AP18	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
AP18	STORAGE TANKS/VESSELS	N/A	MON-IFR-SF	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The unslotted guide pole is equipped with a pole wiper and a pole sleeve.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
AP18	STORAGE TANKS/VESSELS	N/A	MON-IFR-SS	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The wiper or seal of the unslotted guide pole is at or above the pole wiper.
AP19R1	STORAGE TANKS/VESSELS	N/A	R5112-EFRv	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
AP19R1	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
AP19R1	STORAGE TANKS/VESSELS	N/A	MON-EFR-SF	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The unslotted guide pole is equipped with a pole wiper and a pole sleeve.
AP19R1	STORAGE TANKS/VESSELS	N/A	MON-EFR-SS	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The wiper or seal of the unslotted guide pole is at or above the pole wiper.
AU602	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5137-SEP	30 TAC Chapter 115, Water Separation	No changing attributes.
BD3FLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5720-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
BD3FLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BD3FLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR1	40 CFR Part 63, Subpart G	No changing attributes.
BD3FLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5720-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
BD3FLRG	EMISSION	N/A	R5121-FLR1	30 TAC Chapter 115, Vent	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Gas Controls	
BD3FLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR1	40 CFR Part 63, Subpart G	No changing attributes.
CIPX	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF	40 CFR Part 63, Subpart FFFF	No changing attributes.
CIPXFLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
CIPXFLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-CPVNT	40 CFR Part 63, Subpart FFFF	No changing attributes.
CIPXFLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
CPI	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5137-SEP	30 TAC Chapter 115, Water Separation	No changing attributes.
CWT18	INDUSTRIAL PROCESS COOLING TOWERS	N/A	R5-CWExpt	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
CWT1D	INDUSTRIAL PROCESS COOLING TOWERS	N/A	R5-CWCEMS2	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
CWT3	INDUSTRIAL PROCESS COOLING TOWERS	N/A	R5-CW-1	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
CWT9	INDUSTRIAL PROCESS COOLING TOWERS	N/A	R5-CWExpt	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
D306	STORAGE	N/A	R5112-TVP	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
	TANKS/VESSELS			Storage of VOCs	
D306	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D307	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D307	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D308	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D308	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D313	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D313	STORAGE TANKS/VESSELS	N/A	R5112-VFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D342	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D342	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D345	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D345	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D345	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D350	STORAGE	N/A	R5112-IFR	30 TAC Chapter 115,	True Vapor Pressure = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	pressure is greater than or equal to 1.5 psia
D350	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D350	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D350	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D351	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D351	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D351	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D351	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D352	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D352	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D352	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D352	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					defined in 40 CFR § 63.111)
D353	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D353	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D353	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D353	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D364	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D364	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D366	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D366	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D367	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D367	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D369	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D370	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D370	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D370	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D370	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D371	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D371	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D371	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D371	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D377	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D377	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D377	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D377	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D379	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D379	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D379	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D379	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D380	STORAGE	N/A	R5112-IFR	30 TAC Chapter 115,	True Vapor Pressure = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	pressure is greater than or equal to 1.5 psia
D380	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D380	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D380	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D381	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D381	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D381	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D381	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D392	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D392	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D392	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D392	STORAGE TANKS/VESSELS	N/A	63G-IFR-2S	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Two seals mounted one

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof
D393	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D393	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D393	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D393	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
D394	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D394	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D395	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D395	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D398	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D398	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D398	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D398	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
D399	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D399	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
D399	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D399	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS)

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
D400	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D400	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D401	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D401	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D401	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart Kb.
D401	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
D402	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D402	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D403	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
D403	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
D8100	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
D8100	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
D8100	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
D8100	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
DIESEL TANK	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
DISTRBOX	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
E-87100	EMISSION	N/A	R5121-DF	30 TAC Chapter 115, Vent	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Gas Controls	
E-87100	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-INCIN2	40 CFR Part 63, Subpart G	No changing attributes.
E-87109	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-DF	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
E-87109	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-INCIN1	40 CFR Part 63, Subpart G	No changing attributes.
EX63	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX63	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX63	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX63	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX64	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX64	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX64	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX64	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX65	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX65	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX65	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX65	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX66	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					or equal to 1.5 psia
EX66	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria., True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX66	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX66	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX68	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX68	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX68	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX68	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX69	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX69	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX69	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX69	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX70	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX70	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX70	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX70	STORAGE	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX76	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX76	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EX76	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX76	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX77	STORAGE	N/A	R5112-CATINC	30 TAC Chapter 115,	Control Device Type = Catalytic

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX77	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX77	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX77	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR §

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
EX80	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
EX80	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
EX80	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
EX80	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
F347	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
F347	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F347	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
F347	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
F350	STORAGE TANKS/VESSELS	N/A	R5112-EFRv	30 TAC Chapter 115, Storage of VOCs	Tank Description = Welded tank using an external floating roof, Primary Seal = Liquid-mounted foam, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
F350	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	Tank Description = Tank using an internal floating roof (IFR), True Vapor Pressure = True vapor pressure is less than 1.0 psia
F350	STORAGE TANKS/VESSELS	N/A	63G-EFR-LM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = External floating roof, Seal Type = Two seals, one located above the other, the primary seal being a liquid-mounted seal
F350	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
F355	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F355	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
F356	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F357	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
F357	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
F357	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
F357	STORAGE TANKS/VESSELS	N/A	63G-IFR-2S	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof
F358	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
F358	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
F358	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
F358	STORAGE TANKS/VESSELS	N/A	63G-IFR-2S	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof
F359	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
F359	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
F359	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
F359	STORAGE TANKS/VESSELS	N/A	63G-IFR-2S	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					of the floating roof
F360	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
F360	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
F360	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
F360	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
F361	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
F361	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
F361	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					not subject to 40 CFR Part 60, Subpart Kb.
F361	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
F8300	PROCESS HEATERS/FURNACES	N/A	R7HTR-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
F8300	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
FLACU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FLACU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR2	40 CFR Part 63, Subpart G	No changing attributes.
FLBEU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FLBEU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR2	40 CFR Part 63, Subpart G	No changing attributes.
FLOXU	EMISSION	N/A	R5121-FLR1	30 TAC Chapter 115, Vent	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Gas Controls	
FLOXU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR2	40 CFR Part 63, Subpart G	No changing attributes.
FLPAP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FLPAP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR1	40 CFR Part 63, Subpart G	No changing attributes.
FOL601	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FOL601	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5721-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
FOL601	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FOL601	PROCESS HEATERS/FURNACES	N/A	R7HTR-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
FOL601	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
FOL602	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FOL602	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5721-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FOL602	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FOL602	PROCESS HEATERS/FURNACES	N/A	R7HTR-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
FOL602	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
FOL603	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FOL603	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5721-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
FOL603	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FOL603	PROCESS HEATERS/FURNACES	N/A	R7HTR-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
FOL603	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
FOL604	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FOL604	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5721-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
FOL604	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH	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
FOL604	PROCESS HEATERS/FURNACES	N/A	R7HTR-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
FOL604	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
G330	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
G330	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
G331	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
G331	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
G343	STORAGE TANKS/VESSELS	N/A	R5112-EFRv	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
G343	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
G343	STORAGE TANKS/VESSELS	N/A	63G-EFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = External floating roof, Seal Type = Two seals, one located above the other, the primary seal being a metallic shoe seal

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
G343	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
G344	STORAGE TANKS/VESSELS	N/A	R5112-EFRv	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
G344	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
G344	STORAGE TANKS/VESSELS	N/A	63G-EFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = External floating roof, Seal Type = Two seals, one located above the other, the primary seal being a metallic shoe seal
G344	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
G353	STORAGE TANKS/VESSELS	N/A	R5112-EFRv	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
G353	STORAGE	N/A	R5112-TVP	30 TAC Chapter 115,	True Vapor Pressure = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	pressure is less than 1.0 psia
G353	STORAGE TANKS/VESSELS	N/A	63G-EFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = External floating roof, Seal Type = Two seals, one located above the other, the primary seal being a metallic shoe seal
G353	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
G354	STORAGE TANKS/VESSELS	N/A	R5112-EFRv	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
G354	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
G354	STORAGE TANKS/VESSELS	N/A	63G-EFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					psi (76.6 kPa), Emission Control Type = External floating roof, Seal Type = Two seals, one located above the other, the primary seal being a metallic shoe seal
G354	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
GRPACMAP2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	VOL410, VOL411, VOL412, VOL417, VOL418, VOL426	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPACMAP3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	VF34003, VF34004, VF34005, VF34009, VF34010, VF34011	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPAPI	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	NAPI, SAPI	R5137-SEP	30 TAC Chapter 115, Water Separation	No changing attributes.
GRP-CHEM-FE	FUGITIVE EMISSION UNITS	ENVSOFLR, HT3FUG	R5780-1	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
GRP-CHEM-FE	FUGITIVE EMISSION UNITS	ENVSOFLR, HT3FUG	R5352ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRP-EMACT-FE1	FUGITIVE EMISSION UNITS	OL3FUG, OP2FUG	R5780-1	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
GRP-EMACT-FE1	FUGITIVE EMISSION UNITS	OL3FUG, OP2FUG	R5352ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRP-EMACT-FE1	FUGITIVE EMISSION UNITS	OL3FUG, OP2FUG	63YYALL	40 CFR Part 63, Subpart YY	No changing attributes.
GRPFURN1	EMISSION	FOL700, FOL710	R1111-1	30 TAC Chapter 111, Visible	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Emissions	
GRPFURN1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FOL700, FOL710	R5721-2	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
GRPFURN1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FOL700, FOL710	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPFURN1	PROCESS HEATERS/FURNACES	FOL700, FOL710	R7PYRO	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRPFURN1	CHEMICAL MANUFACTURING PROCESS	FOL700, FOL710	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRPFURN2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FP31050, FP31060, FP31070, FP31080, FP31120, FP31140,	R5721-2	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
GRPFURN2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FP31050, FP31060, FP31070, FP31080, FP31120, FP31140	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPFURN2	PROCESS HEATERS/FURNACES	FP31050, FP31060, FP31070, FP31080, FP31120, FP31140	R7PYRO	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRPFURN2	CHEMICAL MANUFACTURING PROCESS	FP31050, FP31060, FP31070, FP31080, FP31120, FP31140	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRPFURN3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FP31090, FP31100	R5721-2	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
GRPFURN3	EMISSION POINTS/STATIONARY	FP31090, FP31100	R5121-OTH	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
	VENTS/PROCESS VENTS				
GRPFURN3	PROCESS HEATERS/FURNACES	FP31090, FP31100	R7PYRO	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRPFURN3	CHEMICAL MANUFACTURING PROCESS	FP31090, FP31100	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRPFURN4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FP31110, FP31130	R5721-2	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
GRPFURN4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FP31110, FP31130	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPFURN4	PROCESS HEATERS/FURNACES	FP31110, FP31130	R7PYRO	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRPFURN4	CHEMICAL MANUFACTURING PROCESS	FP31110, FP31130	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRP-HON-FE	FUGITIVE EMISSION UNITS	BD3FUG, CUMFE, FUGACU, FUGBEU, FUGBIFBOIL, FUGOXU, FUGPAU3, PAUFE, SITE3FE, WRACKFE	R5780-1	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
GRP-HON-FE	FUGITIVE EMISSION UNITS	BD3FUG, CUMFE, FUGACU, FUGBEU, FUGBIFBOIL, FUGOXU, FUGPAU3, PAUFE, SITE3FE, WRACKFE	R5352ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-HON-FE	FUGITIVE EMISSION UNITS	BD3FUG, CUMFE, FUGACU, FUGBEU, FUGBIFBOIL, FUGOXU, FUGPAU3, PAUFE, SITE3FE, WRACKFE	63HALL	40 CFR Part 63, Subpart H	No changing attributes.
GRP-MON-FE	FUGITIVE EMISSION UNITS	CIPXFUG, HT2FUG, IRUFUG	R5780-1	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
GRP-MON-FE	FUGITIVE EMISSION UNITS	CIPXFUG, HT2FUG, IRUFUG	R5352ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRP-MON-FE	FUGITIVE EMISSION UNITS	CIPXFUG, HT2FUG, IRUFUG	61JALL	40 CFR Part 61, Subpart J	No changing attributes.
GRP-MON-FE	FUGITIVE EMISSION UNITS	CIPXFUG, HT2FUG, IRUFUG	63FFFF	40 CFR Part 63, Subpart FFFF	No changing attributes.
GRPPAUPV2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	V8231, V8305, V8306, V8307, V8309	R5121-CH1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPPAUPV2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	V8231, V8305, V8306, V8307, V8309	63G-CAT1	40 CFR Part 63, Subpart G	No changing attributes.
GRPPAUPV3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	V8207, V8208, V8209, V8212, V8213, V8219, V8222, V8223, V8224, V8228, V8319, V8333, V8362	R5121-CH1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPPAUPV3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	V8207, V8208, V8209, V8212, V8213, V8219,	63G-CAT1	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		V8222, V8223, V8224, V8228, V8319, V8333, V8362			
GRPPAUPV4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	V8200, V8201, V8202, V8203	R5121-CH2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPPAUPV4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	V8200, V8201, V8202, V8203	63G-CAT1	40 CFR Part 63, Subpart G	No changing attributes.
GRPVNT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FLRPURGE, LO2FLR, OP2FLR, PY3FLR	R5720-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
GRPVNT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FLRPURGE, LO2FLR, OP2FLR, PY3FLR	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPVNT2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FLRPURGG, LO2FLRG, OP2FLRG, PY3FLRG	R5720-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
GRPVNT2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FLRPURGG, LO2FLRG, OP2FLRG, PY3FLRG	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
H1300	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
H1300	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5721-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
H1300	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
H1300	PROCESS HEATERS/FURNACES	N/A	R7HTR-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
H1300	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
H87920	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R2-BOILER	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
H87920	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5721-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
H87920	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
H87920	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7-BOILER	30 TAC Chapter 117, Subchapter B	No changing attributes.
H87920	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60-Db-1	40 CFR Part 60, Subpart Db	No changing attributes.
H87920	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63EEE	40 CFR Part 63, Subpart EEE	No changing attributes.
H902	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5721-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
H902	EMISSION POINTS/STATIONARY	N/A	R5121-OTH	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
	VENTS/PROCESS VENTS				
H902	PROCESS HEATERS/FURNACES	N/A	R7HTR-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
H902	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HT2FLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
HT2FLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-CPVNT	40 CFR Part 63, Subpart FFFF	No changing attributes.
HT2FLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
HT3FLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
HT3FLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
HTII	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF	40 CFR Part 63, Subpart FFFF	No changing attributes.
IRU	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF	40 CFR Part 63, Subpart FFFF	No changing attributes.
IRUFLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	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
IRUFLR	DISTILLATION OPERATIONS	N/A	60NNN-FLR	40 CFR Part 60, Subpart NNN	No changing attributes.
IRUFLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-CPVNT	40 CFR Part 63, Subpart FFFF	No changing attributes.
IRUFLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
IRUFLRG	DISTILLATION OPERATIONS	N/A	60NNN-FLR	40 CFR Part 60, Subpart NNN	No changing attributes.
J313	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
J313	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
J313	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
J313	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					defined in 40 CFR § 63.111)
J314	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
J314	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
J314	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
J314	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
K306	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
K307	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
L306	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
L306	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
L308	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
L308	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
L332	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
L332	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
L333	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
L333	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
LO3CPI	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5137-SEP	30 TAC Chapter 115, Water Separation	No changing attributes.
LPGFL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
NEUT1	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
NEUT2	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
NEUT3	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
NEUT4	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
NTFFLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5720-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
NTFFLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
NTFFLR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-CPVNT	40 CFR Part 63, Subpart FFFF	No changing attributes.
NTFFLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5720-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
NTFFLRG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
OFGRFUG	FUGITIVE EMISSION UNITS	N/A	R5780-1	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
OFGRFUG	FUGITIVE EMISSION UNITS	N/A	R5352ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
OFGRFUG	FUGITIVE EMISSION UNITS	N/A	60VVAALL	40 CFR Part 60, Subpart VVa	No changing attributes.
OFGRFUG	FUGITIVE EMISSION UNITS	N/A	63YYALL	40 CFR Part 63, Subpart YY	No changing attributes.
OP2	INDUSTRIAL PROCESS COOLING TOWERS	N/A	R5-CWCEMS	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
OP2	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
OP2ACMAP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
OP2ACMAP	REACTOR	N/A	60RRR-1	40 CFR Part 60, Subpart RRR	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OP2DIST	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
OP2DIST	DISTILLATION OPERATIONS	N/A	60NNN-FLR	40 CFR Part 60, Subpart NNN	No changing attributes.
OP2ELFLA	FLARES	N/A	R1111-FLR	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OP2ELFLA	FLARES	N/A	R5FLR-MULT	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
OP2ELFLA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
OP2ELFLA	FLARES	N/A	60A-FLR1	40 CFR Part 60, Subpart A	No changing attributes.
OP2ELFLA	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-CVS	40 CFR Part 61, Subpart FF	No changing attributes.
OP2ELFLA	FLARES	N/A	63A-FLR1	40 CFR Part 63, Subpart A	No changing attributes.
OP3CWT	INDUSTRIAL PROCESS COOLING TOWERS	N/A	R5-CWCEMS	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
OP3CWT	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
OP3ELFLA	FLARES	N/A	R1111-FLR	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OP3ELFLA	FLARES	N/A	R5FLR-MULT	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
OP3ELFLA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
OP3ELFLA	FLARES	N/A	60A-FLR1	40 CFR Part 60, Subpart A	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OP3ELFLA	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-CVS	40 CFR Part 61, Subpart FF	No changing attributes.
OP3ELFLA	FLARES	N/A	63A-FLR1	40 CFR Part 63, Subpart A	No changing attributes.
OP3GRFLA	FLARES	N/A	R1111-FLR	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OP3GRFLA	FLARES	N/A	R5FLR-MULT	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
OP3GRFLA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
OP3GRFLA	FLARES	N/A	60A-FLR2	40 CFR Part 60, Subpart A	No changing attributes.
OP3GRFLA	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-CVS	40 CFR Part 61, Subpart FF	No changing attributes.
OP3GRFLA	FLARES	N/A	63A-FLR2	40 CFR Part 63, Subpart A	No changing attributes.
P1309S	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
P87921	SRIC ENGINES	N/A	R7ENG-D01-	30 TAC Chapter 117, Subchapter B	No changing attributes.
P87921	SRIC ENGINES	N/A	63Z4-2006-	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PROAERAT	TREATMENT PROCESS	N/A	61FF-TRT2	40 CFR Part 61, Subpart FF	No changing attributes.
PROAROM	CHEMICAL MANUFACTURING PROCESS	N/A	63F-1	40 CFR Part 63, Subpart F	No changing attributes.
PROBD3	CHEMICAL MANUFACTURING PROCESS	N/A	63F-1	40 CFR Part 63, Subpart F	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRODIST	CHEMICAL MANUFACTURING PROCESS	N/A	63F-2	40 CFR Part 63, Subpart F	No changing attributes.
PROPAU	CHEMICAL MANUFACTURING PROCESS	N/A	63F-1	40 CFR Part 63, Subpart F	No changing attributes.
S13141	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
S13142	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
S13143	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
S332	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
S332	STORAGE TANKS/VESSELS	N/A	61FF-IFR	40 CFR Part 61, Subpart FF	No changing attributes.
S390	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
S391	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
S392	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
S400	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
SCRWRTC	LOADING/UNLOADING OPERATIONS	N/A	R5-LOAD2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
SCRWRTC	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
SCRWRTT	LOADING/UNLOADING OPERATIONS	N/A	R5-LOAD2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
SETENT	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
SITE3FL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5720-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
SITE3FL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
SITE3TC	LOADING/UNLOADING OPERATIONS	N/A	R5211-ACR	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
SITE3TT	LOADING/UNLOADING OPERATIONS	N/A	R5211-ACR	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
T1301	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T1302	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T1310	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T1310	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	No changing attributes.
T1318	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
T1319	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T1320	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
T1331	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T1332	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T1333	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T1334	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T2800	WASTEWATER UNITS	N/A	R5140-EXMT	30 TAC Chapter 115, Industrial Wastewater	No changing attributes.
T317	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T317	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T331	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T74B	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T74B	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T74B	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart Kb.
T74B	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
T87000	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87000	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87000	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87000	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
T87003	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87003	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87003	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87003	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
T87004	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87004	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87005	STORAGE	N/A	R5112-DIRINC	30 TAC Chapter 115,	Control Device Type = Direct-flame

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87005	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87005	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87005	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR §

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
T87007	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87007	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87007	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87007	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
T87100	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87100	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87100	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87100	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof),

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
T87300	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87300	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87300	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87300	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
T87400	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87400	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87400	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart Kb.
T87400	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
T87401	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T87401	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87401	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87401	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pass lines.
T87500	STORAGE TANKS/VESSELS	N/A	R5112-DIRINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T87500	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T87500	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
T87500	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
TB3301R1	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TB3301R1	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TB3301R1	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
TB3301R1	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
TBD301	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TBD301	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TBD301	STORAGE TANKS/VESSELS	N/A	MON-IFR-SF	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The unslotted guide pole is equipped with a pole wiper and a pole sleeve.
TBD301	STORAGE TANKS/VESSELS	N/A	MON-IFR-SS	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The wiper or seal of the unslotted guide pole is at or above the pole wiper.
TBD910	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TBD910	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TBD910	STORAGE TANKS/VESSELS	N/A	MON-IFR-SF	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The unslotted guide pole is equipped with a pole wiper and a pole sleeve.
TBD910	STORAGE TANKS/VESSELS	N/A	MON-IFR-SS	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The wiper or seal of the unslotted guide pole is at or above the pole wiper.
TBD911	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TBD911	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TBD911	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
TBD911	STORAGE	N/A	63G-IFR-2S	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof
TBD912	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TBD912	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TBD912	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
TBD912	STORAGE TANKS/VESSELS	N/A	63G-IFR-2S	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof
TBD913	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TBD913	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TBD913	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
TBD913	STORAGE TANKS/VESSELS	N/A	63G-IFR-LM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Liquid-mounted seal (as defined in 40 CFR § 63.111)
TC33001	STORAGE TANKS/VESSELS	N/A	R5112-TVP	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
TC33002	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TC33005	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF34001	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF34002	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL301	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL304	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL400	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL401	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL600	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL901	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TOL901	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TOL901	STORAGE TANKS/VESSELS	N/A	MON-IFR-SF	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The unslotted guide pole is equipped with a pole wiper and a pole sleeve.
TOL901	STORAGE TANKS/VESSELS	N/A	MON-IFR-SS	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The wiper or seal of the unslotted guide pole is at or above the pole wiper.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TOL901	STORAGE TANKS/VESSELS	N/A	63YY-DEFR	40 CFR Part 63, Subpart YY	No changing attributes.
TOL902	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL902	STORAGE TANKS/VESSELS	N/A	63YY-VFR	40 CFR Part 63, Subpart YY	No changing attributes.
TOL903	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL903	STORAGE TANKS/VESSELS	N/A	63YY-VFR	40 CFR Part 63, Subpart YY	No changing attributes.
TOL904	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TOL904	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TOL904	STORAGE TANKS/VESSELS	N/A	61FF-IFR	40 CFR Part 61, Subpart FF	No changing attributes.
TOL904	STORAGE TANKS/VESSELS	N/A	63YY-IFR	40 CFR Part 63, Subpart YY	No changing attributes.
TOL905	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TOL905	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TOL905	STORAGE TANKS/VESSELS	N/A	MON-IFR-SF	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The unslotted guide pole is equipped with a pole wiper and a pole sleeve.
TOL905	STORAGE TANKS/VESSELS	N/A	MON-IFR-SS	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The wiper or seal of the unslotted guide pole is at or

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					above the pole wiper.
TOL908	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL909	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL910	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL911	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TOL911	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
TOL911	STORAGE TANKS/VESSELS	N/A	MON-IFR-SF	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The unslotted guide pole is equipped with a pole wiper and a pole sleeve.
TOL911	STORAGE TANKS/VESSELS	N/A	MON-IFR-SS	40 CFR Part 63, Subpart FFFF	Wiper or Seal = The wiper or seal of the unslotted guide pole is at or above the pole wiper.
TOL914	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL915	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL916	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TOL920	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
TOL920	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TOL920	STORAGE TANKS/VESSELS	N/A	61FF-IFR2	40 CFR Part 61, Subpart FF	No changing attributes.
TOL920	STORAGE TANKS/VESSELS	N/A	63YY-IFR	40 CFR Part 63, Subpart YY	No changing attributes.
TR35020	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TTLOAD	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
TU30906	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TU30907	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TU30911	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TU30913	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TU30914	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TU30915	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TUT604	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TUT605	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TUT918	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
V337	EMISSION POINTS/STATIONARY	N/A	R5121-FLR1	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
	VENTS/PROCESS VENTS				
V337	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR2	40 CFR Part 63, Subpart G	No changing attributes.
V392	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
V392	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-NOCRV2	40 CFR Part 63, Subpart G	No changing attributes.
V8204	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
V8204	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-NOCRV2	40 CFR Part 63, Subpart G	No changing attributes.
V8217	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
V8302	DISTILLATION OPERATIONS	N/A	60NNN-BPH	40 CFR Part 60, Subpart NNN	No changing attributes.
V8310	DISTILLATION OPERATIONS	N/A	60NNN-BPH	40 CFR Part 60, Subpart NNN	No changing attributes.
V8321	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
V8321	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-NOCRV1	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
V8360	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-CH1	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Chiller or catalytic incinerator.
V8360	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH2	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
V8360	DISTILLATION OPERATIONS	N/A	60NNN-BPH	40 CFR Part 60, Subpart NNN	No changing attributes.
V8360	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-BPH1	40 CFR Part 63, Subpart G	Control Device = Boiler or process heater with a design heat input capacity of greater than 44 MW., By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device., Performance Test = No previous performance test was conducted.
V8360	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-CAT2	40 CFR Part 63, Subpart G	Control Device = Catalytic incinerator., By-pass Lines = The vent system contains by-pass lines that can divert the vent stream from the control device., Flow Indicator = A flow indicator is installed and operated at the entrance of the by-pass line., Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance.
V87923	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
V87923	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR1	40 CFR Part 63, Subpart G	No changing attributes.
V9300	LOADING/UNLOADING OPERATIONS	N/A	R5MAR-EXMT	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
V9300	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
VBD920	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VBD920	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VBD920	STORAGE TANKS/VESSELS	N/A	60Kb-FLR	40 CFR Part 60, Subpart Kb	No changing attributes.
VBD921	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VBD921	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VBD921	STORAGE	N/A	60Kb-FLR	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
	TANKS/VESSELS				
VBD933	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VBD933	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VBD933	STORAGE TANKS/VESSELS	N/A	63G-FLARE	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Type = Flare, Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
VBD933	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
VBD934	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					1.5 psia
VBD934	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VBD934	STORAGE TANKS/VESSELS	N/A	60Kb-FLR	40 CFR Part 60, Subpart Kb	No changing attributes.
VBD990	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VBD990	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VBD990	STORAGE TANKS/VESSELS	N/A	63G-FLARE	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Type = Flare, Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
VBD990	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart Kb.
VBD993	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VBD993	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VBD993	STORAGE TANKS/VESSELS	N/A	63G-FLARE	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Type = Flare, Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
VBD993	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
VBD994	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					1.5 psia
VBD994	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VBD994	STORAGE TANKS/VESSELS	N/A	63G-FLARE	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is greater than or equal to 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Type = Flare, Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
VBD994	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
VC33034	STORAGE TANKS/VESSELS	N/A	R5112-TVP2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
VIP901	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VIP901	STORAGE	N/A	R5112-TVP	30 TAC Chapter 115,	True Vapor Pressure = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	pressure is less than 1.0 psia
VIP901	STORAGE TANKS/VESSELS	N/A	60Kb-FLR	40 CFR Part 60, Subpart Kb	No changing attributes.
VIP902	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VIP902	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VIP902	STORAGE TANKS/VESSELS	N/A	60Kb-FLR	40 CFR Part 60, Subpart Kb	No changing attributes.
VIP904	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VIP904	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VIP904	STORAGE TANKS/VESSELS	N/A	60Kb-FLR	40 CFR Part 60, Subpart Kb	No changing attributes.
VIP905	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
VIP905	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VIP905	STORAGE TANKS/VESSELS	N/A	60Kb-FLR	40 CFR Part 60, Subpart Kb	No changing attributes.
VIP950	STORAGE TANKS/VESSELS	N/A	R5112-FLARE	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare, True Vapor Pressure = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pressure is greater than or equal to 1.5 psia
VIP950	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
VIP950	STORAGE TANKS/VESSELS	N/A	60Kb-FLR	40 CFR Part 60, Subpart Kb	No changing attributes.
VP31142	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
VP31142	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
VUT109	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
VUT109	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-OTH2	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
X303	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
X303	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
X303	STORAGE	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
X303	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
X304	STORAGE TANKS/VESSELS	N/A	R5112-IFR	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
X304	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
X304	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
X304	STORAGE TANKS/VESSELS	N/A	63G-IFR-MS	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
X308	STORAGE TANKS/VESSELS	N/A	R5112-CATINC	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Catalytic incinerator, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
X308	STORAGE TANKS/VESSELS	N/A	R5112-TVP	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
X308	STORAGE TANKS/VESSELS	N/A	63G-G2-TK	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
X308	STORAGE TANKS/VESSELS	N/A	63G-THERM	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), Emission Control Type = Closed vent system (CVS) and control device (fixed roof), Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H., Bypass Lines = Closed vent system has no by-pass lines.
X8529A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
X8529A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR2	40 CFR Part 63, Subpart G	No changing attributes.
X8529B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FLR1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
X8529B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-FLR2	40 CFR Part 63, Subpart G	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)
A1304	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
A13113	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
A1315	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
A1333	CD	R1111-FLR	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 upset	§ 111.111(a)(4)(A)(i) § 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)
						emissions as provided in §101.222(b).			
A1333	EP	R5FLR-MULT	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(d) § 115.722(d)(1) § 115.722(d)(2) [G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) [G]§ 115.725(l) [G]§ 115.726(a)(2)	All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.	[G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) § 115.725(d)(3) § 115.725(d)(4) § 115.725(d)(5) § 115.725(d)(6) § 115.725(d)(7) § 115.725(k)(1) [G]§ 115.725(l) § 115.725(n)	§ 115.726(a)(1) § 115.726(a)(1)(A) § 115.726(d)(1) § 115.726(d)(10) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n) § 115.726(a)(1)(B) [G]§ 115.726(a)(2)
A1333	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
A1333	CD	60A-FLR1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	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)
					§ 60.18(c)(6) § 60.18(e)				
A1333	CD	63A-FLR1	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 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) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
ACNLOAD	EU	R5MAR-FLR	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(b) § 115.212(a)(2) § 115.212(a)(3)(B) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.213(b)(1) § 115.213(b)(4) [G]§ 115.213(b)(6) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(ii) § 60.18	As an alternative to §115.212(b)(1), loading operations may elect to achieve a 90% overall control of emissions at the account when loading VOC with true vapor pressure greater than 0.5 psia, but less than 11.0 psia, provided that the conditions specified in §115.213(b)(1)-(6) are met.	§ 115.212(a)(3)(B) § 115.213(b) § 115.213(b)(1) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9)	§ 115.213(b)(1) § 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	§ 115.213(b)(1) § 115.213(b)(2) § 115.213(b)(3) § 115.213(b)(4)
AERAT	EU	R5140-BIO	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(7)(C) [G]§ 115.142(4) [G]§ 115.148	Properly operated biotreatment units are exempt from the requirements of §§115.142(3), 115.144(4), and 115.145(7) and (8).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(9)	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
AP18	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
					§ 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
AP18	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
AP18	EU	MON-IFR-SF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(e)(2) § 63.2470(a)				
AP18	EU	MON-IFR-SS	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
AP19R1	EU	R5112-EFRv	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(E) § 115.112(e)(2)(F) § 115.112(e)(2)(G) [G]§ 115.112(e)(2)(H) [G]§ 115.112(e)(2)(I) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(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)
						of subsection (a)(1) of this paragraph for crude oil and condensate.			
AP19R1	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
AP19R1	EU	MON-EFR-SF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(2) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
AP19R1	EU	MON-EFR-SS	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(2)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage	§ 63.1063(c)(2) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(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)
					§ 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 63.2450(q)
AU602	EU	R5137-SEP	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
BD3FLR	EP	R5720-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(c)(2)	A vent gas stream that has the potential to emit HRVOCs, but has a concentration less than 100 ppmv at all times or has a maximum potential flow rate equal to or less than 100 dry standard cubic feet per hour is exempt from this division	None	§ 115.726(e)(3)(A) § 115.726(j)(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)
						with the exception of § 115.726(e)(3)(A) of this title. The maximum potential HRVOC emissions for the sum of all vent gas streams claimed under this exemption, must be less for the account specified in § 115.722(a) or (b) of this title than 0.5 tpy.			
BD3FLR	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
BD3FLR	EP	63G-FLR1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 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) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
BD3FLRG	EP	R5720-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(c)(2)	A vent gas stream that has the potential to emit HRVOCs, but has a concentration less than 100 ppmv at all times or has a maximum potential flow rate equal to or less than 100 dry standard cubic feet per hour is exempt from this division with the exception of § 115.726(e)(3)(A) of this title. The maximum potential HRVOC emissions for the sum of all vent gas streams claimed under this exemption, must be less for the account specified in § 115.722(a) or (b) of this title than 0.5 tpy.	None	§ 115.726(e)(3)(A) § 115.726(j)(2)	None
BD3FLRG	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
BD3FLRG	EP	63G-FLR1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(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)
								[G]§ 63.152(f)	[G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
CIPX	PRO	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(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]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
CIPXFLR	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
CIPXFLR	EP	63FFFF-CPVNT	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
CIPXFLRG	EP	R5121-FLR2	VOC	30 TAC Chapter 115,	§ 115.122(a)(1) § 115.121(a)(1)	Vent gas streams affected by §115.121(a)(1) must be	[G]§ 115.125 § 115.126(1)	§ 115.126 § 115.126(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)
				Vent Gas Controls	§ 115.122(a)(1)(B) § 60.18	controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1)(B) § 115.126(2)	§ 115.126(1)(B) § 115.126(2)	
CPI	EU	R5137-SEP	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
CWT18	EU	R5-CWExpt	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Cooling Towers	§ 115.767(2)	Any cooling tower heat exchange system in which no individual heat exchanger has greater than 100 ppmw HRVOCs in the process side fluid is exempt from the requirements of this division, with the exception of the recordkeeping requirements of §115.766(b) and (c) of this title.	None	§ 115.766(b) § 115.766(b)(2) § 115.766(c)	None
CWT1D	EU	R5-CWCEMS 2	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Cooling Towers	§ 115.761(c)(1) § 115.761(c)(3) § 115.764(b)(1) § 115.766(i)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 1 of this subchapter must not exceed 1,200 pounds of HRVOCs per one-hour block period from any flare, vent, pressure relief valve, cooling	§ 115.764(b)(1) § 115.764(b)(3) [G]§ 115.764(b)(6) § 115.764(c) § 115.764(f) § 115.764(g)(2)	§ 115.766(a)(1) § 115.766(a)(2) § 115.766(a)(3) § 115.766(a)(5) § 115.766(a)(6) § 115.766(c) [G]§ 115.766(g) [G]§ 115.766(h) § 115.766(i)(1)	§ 115.766(i)(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)
						tower, or any combination.			
CWT3	EU	R5-CW-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Cooling Towers	§ 115.767(3) § 115.764(a)(1) § 115.766(i)	Any site for which no stream directed to a cooling tower heat exchange system contains 5.0% or greater by weight HRVOC is exempt from the requirements of § 115.761 of this title (relating to Site-wide Cap).	§ 115.764(a)(1) § 115.764(a)(3) § 115.764(c) § 115.764(d) [G]§ 115.764(g)(1)	§ 115.766(c) § 115.766(d) § 115.766(i)(1)	§ 115.766(i)(2)
CWT9	EU	R5-CWExpt	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Cooling Towers	§ 115.767(2)	Any cooling tower heat exchange system in which no individual heat exchanger has greater than 100 ppmw HRVOCs in the process side fluid is exempt from the requirements of this division, with the exception of the recordkeeping requirements of §115.766(b) and (c) of this title.	None	§ 115.766(b) § 115.766(b)(2) § 115.766(c)	None
D306	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D306	EU	63G-G2-TK	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)
D307	EU	R5112-TVP	VOC	30 TAC Chapter 115,	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(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)
				Storage of VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(6)(A) § 115.118(a)(7)	
D307	EU	63G-G2-TK	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)
D308	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D308	EU	63G-G2-TK	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)
D313	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
D313	EU	R5112-VFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	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)
						vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
D342	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D342	EU	63G-G2-TK	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)
D345	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
						condensate.			
D345	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D345	EU	63G-G2-TK	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)
D350	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
D350	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
D350	EU	63G-G2-TK	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)
D350	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D351	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
						paragraph for crude oil and condensate.			
D351	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D351	EU	63G-G2-TK	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)
D351	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D352	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
					§ 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
D352	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D352	EU	63G-G2-TK	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)
D352	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii)	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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(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)
					§ 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)				§ 63.152(c)(2) § 63.152(c)(4)(ii)
D353	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
D353	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D353	EU	63G-G2-TK	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)
D353	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii)	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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)	§63.119(b)(1)-(6).			§ 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D364	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D364	EU	63G-G2-TK	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)
D366	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D366	EU	63G-G2-TK	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	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§63.123.			
D367	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D367	EU	63G-G2-TK	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)
D369	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D370	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
D370	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D370	EU	63G-G2-TK	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)
D370	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D371	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
					§ 115.114(a)(1)(A)	compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
D371	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D371	EU	63G-G2-TK	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)
D371	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 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)
D377	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
D377	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D377	EU	63G-G2-TK	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)
D377	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii)	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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)				[G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D379	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
D379	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D379	EU	63G-G2-TK	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
D379	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D380	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
D380	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						requirements of this division.			
D380	EU	63G-G2-TK	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)
D380	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D381	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
						of subsection (a)(1) of this paragraph for crude oil and condensate.			
D381	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D381	EU	63G-G2-TK	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)
D381	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D392	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
					§ 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
D392	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D392	EU	63G-G2-TK	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)
D392	EU	63G-IFR-2S	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(iii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii)	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)(3)(i) § 63.120(a)(3)(ii) § 63.120(a)(3)(iii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(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)
					[G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)				§ 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D393	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
D393	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
D393	EU	63G-G2-TK	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)
D393	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 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)	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 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) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)	must comply with: §63.119(b)(1)-(6).		[G]§ 63.152(a)	§ 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
D394	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D394	EU	63G-G2-TK	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)
D395	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D395	EU	63G-G2-TK	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	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						to comply with §63.119 to §63.123.			
D398	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
D398	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D398	EU	63G-G2-TK	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)
D398	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5)	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	§ 63.120(d)(1) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(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)
					§ 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	§63.119(e)(1)-(5).	§ 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
D399	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	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)
						VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
D399	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D399	EU	63G-G2-TK	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)
D399	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(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)
									§ 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
D400	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D400	EU	63G-G2-TK	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)
D401	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	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)
						VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
D401	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D401	EU	63G-G2-TK	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)
D401	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(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)
									§ 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
D402	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D402	EU	63G-G2-TK	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)
D403	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D403	EU	63G-G2-TK	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	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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 §63.123(a). Not required to comply with §63.119 to §63.123.			
D8100	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
D8100	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
D8100	EU	63G-G2-TK	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)
D8100	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii)	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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)	§63.119(b)(1)-(6).			§ 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
DIESEL TANK	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
DISTRBOX	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
E-87100	EP	R5121-DF	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(B)	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0%	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 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)
						oxygen for combustion devices).			
E-87100	EP	63G-INCIN2	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f) § 63.116(b)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(e) [G]§ 63.115(f)	§ 63.114(a)(1) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
E-87109	EP	R5121-DF	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(B)	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2)	None
E-87109	EP	63G-INCIN1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f) § 63.116(b)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(1) § 63.114(e)	§ 63.114(a)(1) § 63.114(d)(1) § 63.118(a)(1) § 63.118(a)(2)	§ 63.114(e) § 63.117(f) § 63.118(f)(1) § 63.118(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)
						stringent or as specified. §63.113(a)(2)(i)-(ii)	[G]§ 63.115(f)	§ 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.118(f)(3) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
EX63	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
EX63	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						psia is exempt from the requirements of this division.			
EX63	EU	63G-G2-TK	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)
EX63	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [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)
									[G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX64	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
EX64	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
EX64	EU	63G-G2-TK	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)
EX64	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1)	The owner or operator who elects to use a closed vent system and control device	§ 63.120(d)(1) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(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)
					§ 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	(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)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX65	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	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)
						compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
EX65	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
EX65	EU	63G-G2-TK	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)
EX65	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(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)
									[G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX66	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
EX66	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	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)
						requirements of this division.			
EX66	EU	63G-G2-TK	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)
EX66	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [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)
									§ 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX68	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
EX68	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
EX68	EU	63G-G2-TK	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)
EX68	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to	§ 63.120(d)(1) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5).	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX69	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	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)
						requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
EX69	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
EX69	EU	63G-G2-TK	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)
EX69	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(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)
									§ 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX70	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
EX70	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
EX70	EU	63G-G2-TK	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)
EX70	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [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)
									§ 63.182(c)(4) [G]§ 63.182(d)
EX76	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
EX76	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
EX76	EU	63G-G2-TK	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)
EX76	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5)	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	§ 63.120(d)(1) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(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)
					§ 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	§63.119(e)(1)-(5).	§ 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX77	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	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)
						VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
EX77	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
EX77	EU	63G-G2-TK	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)
EX77	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(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)
									§ 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EX80	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
EX80	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
EX80	EU	63G-G2-TK	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.			
EX80	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
F347	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
F347	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F347	EU	63G-G2-TK	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)
F347	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
F350	EU	R5112-EFRv	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(E) § 115.112(e)(2)(F) § 115.112(e)(2)(G)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(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)
					[G]§ 115.112(e)(2)(H) [G]§ 115.112(e)(2)(I) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
F350	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F350	EU	63G-EFR-LM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(c) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) § 63.119(c)(2)(i) § 63.119(c)(2)(ii) § 63.119(c)(2)(iii) § 63.119(c)(2)(iv) § 63.119(c)(2)(ix) § 63.119(c)(2)(v) § 63.119(c)(2)(vi) § 63.119(c)(2)(vii) § 63.119(c)(2)(viii) § 63.119(c)(2)(x) § 63.119(c)(2)(xi) § 63.119(c)(2)(xii) [G]§ 63.119(c)(3) § 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(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) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.123(a) § 63.123(d) § 63.123(g) [G]§ 63.152(a)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) [G]§ 63.122(e)(1) § 63.122(e)(2) § 63.122(e)(3) § 63.122(e)(3)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 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]§ 63.120(b)(7) § 63.120(b)(8)				
F350	EU	63G-G2-TK	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)
F355	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F355	EU	63G-G2-TK	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)
F356	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F357	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
					§ 115.114(a)(1)(A)	compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
F357	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F357	EU	63G-G2-TK	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)
F357	EU	63G-IFR-2S	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(iii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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)(3)(i) § 63.120(a)(3)(ii) § 63.120(a)(3)(iii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 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)
F358	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
F358	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F358	EU	63G-G2-TK	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)
F358	EU	63G-IFR-2S	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(iii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii)	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)(3)(i) § 63.120(a)(3)(ii) § 63.120(a)(3)(iii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)				[G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
F359	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
F359	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F359	EU	63G-G2-TK	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F359	EU	63G-IFR-2S	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(iii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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)(3)(i) § 63.120(a)(3)(ii) § 63.120(a)(3)(iii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
F360	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
F360	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						requirements of this division.			
F360	EU	63G-G2-TK	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)
F360	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
F361	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
						of subsection (a)(1) of this paragraph for crude oil and condensate.			
F361	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F361	EU	63G-G2-TK	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)
F361	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
F8300	EU	R7HTR-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(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)
							§ 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary		§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F8300	EU	R7HTR-1	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F8300	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	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart	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		DDDDD	DDDDD	
FLACU	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
FLACU	EP	63G-FLR2	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FLBEU	EP	R5121-	VOC	30 TAC	§ 115.122(a)(2)	Any vent gas streams	[G]§ 115.125	§ 115.126	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)
		FLR1		Chapter 115, Vent Gas Controls	§ 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126(1) § 115.126(1)(B) § 115.126(2)	
FLBEU	EP	63G-FLR2	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FLOXU	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 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)
						98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
FLOXU	EP	63G-FLR2	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FLPAP	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0%	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 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)
						oxygen for combustion devices).			
FLPAP	EP	63G-FLR1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FOL601	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
FOL601	EP	R5721-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) § 115.725(n) [G]§ 115.726(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)
FOL601	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
FOL601	EU	R7HTR-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
FOL601	EU	R7HTR-1	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(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)
					§ 117.340(p)(3)	generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		§ 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
FOL601	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
FOL602	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
FOL602	EP	R5721-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) § 115.725(n) [G]§ 115.726(a)(2)
FOL602	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
						90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	** See Periodic Monitoring Summary		
FOL602	EU	R7HTR-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
FOL602	EU	R7HTR-1	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of §	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(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)
						117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		§ 117.8010(6) [G]§ 117.8010(7)
FOL602	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
FOL603	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
FOL603	EP	R5721-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) § 115.725(n) [G]§ 115.726(a)(2)
FOL603	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
						(ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).			
FOL603	EU	R7HTR-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
FOL603	EU	R7HTR-1	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(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)
						comply with § 117.320.	[G]§ 117.8000(d)		
FOL603	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
FOL604	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
FOL604	EP	R5721-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) § 115.725(n) [G]§ 115.726(a)(2)
FOL604	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
FOL604	EU	R7HTR-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
FOL604	EU	R7HTR-1	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
FOL604	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart	§ 63.7505 The permit holder shall	The permit holder shall comply with the applicable	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)
				DDDDD	comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	requirements of 40 CFR Part 63, Subpart DDDDD	applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
G330	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
G330	EU	63G-G2-TK	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)
G331	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
G331	EU	63G-G2-TK	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)
G343	EU	R5112-EFRv	VOC	30 TAC Chapter 115, Storage of	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(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)
				VOCs	§ 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(E) § 115.112(e)(2)(F) § 115.112(e)(2)(G) [G]§ 115.112(e)(2)(H) [G]§ 115.112(e)(2)(I) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(7)	
G343	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
G343	EU	63G-EFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(c) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) § 63.119(c)(2)(i) § 63.119(c)(2)(ii) § 63.119(c)(2)(iii) § 63.119(c)(2)(iv) § 63.119(c)(2)(ix) § 63.119(c)(2)(v) § 63.119(c)(2)(vi) § 63.119(c)(2)(vii) § 63.119(c)(2)(viii) § 63.119(c)(2)(x) § 63.119(c)(2)(xi) § 63.119(c)(2)(xii) [G]§ 63.119(c)(3)	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) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.123(a) § 63.123(d) § 63.123(g) [G]§ 63.152(a)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) [G]§ 63.122(e)(1) § 63.122(e)(2) § 63.122(e)(3) § 63.122(e)(3)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 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)
					§ 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8)				
G343	EU	63G-G2-TK	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)
G344	EU	R5112-EFRv	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(E) § 115.112(e)(2)(F) § 115.112(e)(2)(G) [G]§ 115.112(e)(2)(H) [G]§ 115.112(e)(2)(I) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
G344	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
G344	EU	63G-EFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(c) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) § 63.119(c)(2)(i) § 63.119(c)(2)(ii) § 63.119(c)(2)(iii) § 63.119(c)(2)(iv) § 63.119(c)(2)(ix) § 63.119(c)(2)(v) § 63.119(c)(2)(vi) § 63.119(c)(2)(vii) § 63.119(c)(2)(viii) § 63.119(c)(2)(x) § 63.119(c)(2)(xi) § 63.119(c)(2)(xii) [G]§ 63.119(c)(3) § 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8)	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) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.123(a) § 63.123(d) § 63.123(g) [G]§ 63.152(a)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) [G]§ 63.122(e)(1) § 63.122(e)(2) § 63.122(e)(3) § 63.122(e)(3)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
G344	EU	63G-G2-TK	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)
G353	EU	R5112-EFRv	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(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)
					§ 115.112(e)(2)(C) § 115.112(e)(2)(E) § 115.112(e)(2)(F) § 115.112(e)(2)(G) [G]§ 115.112(e)(2)(H) [G]§ 115.112(e)(2)(I) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	[G]§ 115.117		
G353	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
G353	EU	63G-EFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(c) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) § 63.119(c)(2)(i) § 63.119(c)(2)(ii) § 63.119(c)(2)(iii) § 63.119(c)(2)(iv) § 63.119(c)(2)(ix) § 63.119(c)(2)(v) § 63.119(c)(2)(vi) § 63.119(c)(2)(vii) § 63.119(c)(2)(viii) § 63.119(c)(2)(x) § 63.119(c)(2)(xi) § 63.119(c)(2)(xii) [G]§ 63.119(c)(3) § 63.119(c)(4)	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) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.123(a) § 63.123(d) § 63.123(g) [G]§ 63.152(a)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) [G]§ 63.122(e)(1) § 63.122(e)(2) § 63.122(e)(3) § 63.122(e)(3)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 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)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8)				
G353	EU	63G-G2-TK	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)
G354	EU	R5112-EFRv	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(E) § 115.112(e)(2)(F) § 115.112(e)(2)(G) [G]§ 115.112(e)(2)(H) [G]§ 115.112(e)(2)(I) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
G354	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
G354	EU	63G-EFR-	112(B)	40 CFR Part	§ 63.119(c)	Tanks using an external	§ 63.120(b)(1)(i)	[G]§ 63.120(b)(7)	§ 63.120(b)(10)(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)
		MS	HAPS	63, Subpart G	§ 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) § 63.119(c)(2)(i) § 63.119(c)(2)(ii) § 63.119(c)(2)(iii) § 63.119(c)(2)(iv) § 63.119(c)(2)(ix) § 63.119(c)(2)(v) § 63.119(c)(2)(vi) § 63.119(c)(2)(vii) § 63.119(c)(2)(viii) § 63.119(c)(2)(x) § 63.119(c)(2)(xi) § 63.119(c)(2)(xii) [G]§ 63.119(c)(3) § 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8)	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)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4)	§ 63.120(b)(8) § 63.123(a) § 63.123(d) § 63.123(g) [G]§ 63.152(a)	§ 63.120(b)(10)(iii) § 63.120(b)(9) [G]§ 63.122(e)(1) § 63.122(e)(2) § 63.122(e)(3) § 63.122(e)(3)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
G354	EU	63G-G2-TK	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)
GRPACMAP2	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	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)
						24-hour period is exempt from §115.121(a)(1) of this title.			
GRPACMAP3	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPAPI	EU	R5137-SEP	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	None
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii)	All pumps that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(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)
					§ 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)				
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)	All compressors that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) [G]§ 115.781(d) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1)	Bypass line valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) [G]§ 115.781(d)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) § 115.786(a)(1)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(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)
					§ 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(1) § 115.783(1)(A) § 115.783(1)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.786(a)(1)	§ 115.786(a)(2) § 115.786(a)(2)(A) § 115.786(a)(2)(B) § 115.786(b)(1) § 115.786(b)(2) § 115.786(b)(2)(A) § 115.786(b)(2)(B) § 115.786(b)(2)(C) [G]§ 115.786(b)(3) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii)	Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, and covers and seals on VOC water separators within the process unit or processes listed in §115.780(a) in which a HRVOC is a raw material,	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(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)
					[G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(a)	Components that contact a process fluid containing less than 5.0% highly-reactive volatile organic compounds by weight on an annual average basis are exempt from the requirements of this division (relating to Fugitive Emissions), except for 115.786(e) and (g) of this title (relating to Record keeping Requirements).	None	§ 115.786(e) § 115.786(g)	None
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.787(e) § 115.787(f)	Pressure relief valves (in gaseous service) within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(b)(8) § 115.781(e) § 115.781(g) § 115.781(g)(1)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(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)
					§ 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	500 ppmv above background as methane for all components.	§ 115.781(g)(2) § 115.782(d)(2)	§ 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii)	Valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g)

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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)
					§ 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)				
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	Flanges or other connectors within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1)	Compressor seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(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)
					§ 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b)	gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3)	Pump seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(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]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1)			§ 115.786(e) § 115.786(g)	
GRP-CHEM-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(2) § 115.787(f)(3) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	Open-ended valves or lines within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g) § 115.789(1)(B)
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115,	§ 115.357(6)	Components at a petroleum refinery or synthetic organic	None	§ 115.356 § 115.356(3)	None

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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)
				Pet. Refinery & Petrochemicals		chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components at a natural gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.		[G]§ 115.356(3)(C)	
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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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)
						the requirements of this division except §115.356(3)(C) of this title.			
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(8) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	No component shall be allowed to have a VOC leak, for more than 15 days, after discovery. If the owner or operator elects to use the alternative work practice in §115.358 of this title, any leak detected as defined in §115.358 of this title, including any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	[G]§ 115.358(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)
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery &	§ 115.352(1)(A) § 115.352(1) § 115.352(10)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15	§ 115.354(1) § 115.354(10) § 115.354(2)	§ 115.352(7) § 115.354(10) § 115.356	[G]§ 115.354(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)
				Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9)	days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)

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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)
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.357(12) § 115.357(8)	process fluid based on sight, smell, or sound.			
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight,	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	smell, or sound.			
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery &	§ 115.352(1)(B) § 115.352(1) § 115.352(10)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(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)
				Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		[G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-CHEM-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.357(8)				
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)	All pumps that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§	All compressors that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(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)
					115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)				
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) [G]§ 115.781(d) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(1) § 115.783(1)(A) § 115.783(1)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C)	Bypass line valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) [G]§ 115.781(d) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.786(a)(1)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) § 115.786(a)(1) § 115.786(a)(2) § 115.786(a)(2)(A) § 115.786(a)(2)(B) § 115.786(b)(1) § 115.786(b)(2) § 115.786(b)(2)(A) § 115.786(b)(2)(B) § 115.786(b)(2)(C) [G]§ 115.786(b)(3) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(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)
					§ 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)				
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, and covers and seals on VOC water separators within the process unit or processes listed in §115.780(a) in which a HRVOC is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(a)	Components that contact a process fluid containing less than 5.0% highly-reactive volatile organic compounds by weight on an annual average basis are exempt from the requirements of this division (relating to Fugitive Emissions), except	None	§ 115.786(e) § 115.786(g)	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 115.786(e) and (g) of this title (relating to Record keeping Requirements).			
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.787(e) § 115.787(f) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	Pressure relief valves (in gaseous service) within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(b)(8) § 115.781(e) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g)
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a)	Valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or	§ 115.354(1) § 115.354(10) § 115.354(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(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)
				Fugitive Emissions	§ 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	[G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g)
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii)	Flanges or other connectors within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)

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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]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b)	Compressor seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)

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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)
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1)	Pump seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)
GRP-EMACT-FE1	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f)	Open-ended valves or lines within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g) § 115.789(1)(B)

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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)
					§ 115.787(f)(2) § 115.787(f)(3) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	[G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components at a natural gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery &	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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				Petrochemicals		gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.			
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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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)
						§115.356(3)(C).			
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(8) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	No component shall be allowed to have a VOC leak, for more than 15 days, after discovery. If the owner or operator elects to use the alternative work practice in §115.358 of this title, any leak detected as defined in §115.358 of this title, including any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	[G]§ 115.358(g)
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A)	None

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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)
						background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(3)(B) § 115.356(5)	
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)

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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)
					§ 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	[G]§ 115.354(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)
					§ 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(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)
					§ 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(9) [G]§ 115.355 § 115.357(1)	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-	EU	R5352ALL	VOC	30 TAC	§ 115.352(1)(B)	No compressor seals shall	[G]§ 115.355	§ 115.352(7)	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)
FE1				Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.352(7) § 115.357(1) § 115.357(8)	sound.			
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-EMACT-FE1	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-EMACT-FE1	EU	63YYALL	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRPFURN1	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPFURN1	EP	R5721-2	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A)	HRVOC emissions at each site located in Harris County that is subject to this division	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3)	[G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(a)(7)(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)
				Gas	§ 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) § 115.725(a)(7) § 115.725(a)(7)(C) [G]§ 115.725(l) [G]§ 115.726(a)(2)	or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(a)(7)(A) § 115.725(a)(7)(B) § 115.725(a)(7)(C) [G]§ 115.725(l) § 115.725(n)	[G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(a)(7)(B) § 115.725(n) [G]§ 115.726(a)(2)
GRPFURN1	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRPFURN1	EU	R7PYRO	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(A) § 117.310(c)(3) § 117.340(f)(1)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(f)(3) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(e) [G]§ 117.340(f)(2) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(7) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(2) § 117.345(d)(3) § 117.345(d)(4) § 117.345(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(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)
							§ 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		§ 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
GRPFURN1	EU	R7PYRO	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(f)(1) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(c)(1) [G]§ 117.340(c)(3) [G]§ 117.340(f)(2) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(3) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(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]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
GRPFURN1	PRO	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRPFURN2	EP	R5721-2	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) § 115.725(a)(7) § 115.725(a)(7)(C) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(a)(7)(A) § 115.725(a)(7)(B) § 115.725(a)(7)(C) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(a)(7)(A) § 115.725(a)(7)(B) § 115.725(n) [G]§ 115.726(a)(2)
GRPFURN2	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
						corrected to 3.0% oxygen for combustion devices).			
GRPFURN2	EU	R7PYRO	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(A) § 117.310(c)(3) § 117.340(f)(1)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(f)(3) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(e) [G]§ 117.340(f)(2) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(7) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(2) § 117.345(d)(3) § 117.345(d)(4) § 117.345(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
GRPFURN2	EU	R7PYRO	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(B) § 117.310(b)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(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]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(f)(1) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(3)	117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.335(d) § 117.335(f) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(c)(1) [G]§ 117.340(c)(3) [G]§ 117.340(f)(2) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)	§ 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.345(d) § 117.345(d)(3) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
GRPFURN2	PRO	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRPFURN3	EP	R5721-2	Highly Reactive	30 TAC Chapter 115,	§ 115.722(c)(1) § 115.722(c)(3)	HRVOC emissions at each site located in Harris County	§ 115.725(a) § 115.725(a)(1)(A)	§ 115.726(b)(1) § 115.726(b)(2)	[G]§ 115.725(a)(4) § 115.725(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)
			VOC	HRVOC Vent Gas	§ 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) § 115.725(a)(7) § 115.725(a)(7)(C) [G]§ 115.725(l) [G]§ 115.726(a)(2)	that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(a)(7)(A) § 115.725(a)(7)(B) § 115.725(a)(7)(C) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(7)(A) § 115.725(a)(7)(B) § 115.725(n) [G]§ 115.726(a)(2)
GRPFURN3	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRPFURN3	EU	R7PYRO	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(A) § 117.310(c)(3) § 117.340(f)(1)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(f)(3) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(e) [G]§ 117.340(f)(2) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(7) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(2) § 117.345(d)(3) § 117.345(d)(4) § 117.345(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(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)
							§ 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		[G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
GRPFURN3	EU	R7PYRO	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(f)(1) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(c)(1) [G]§ 117.340(c)(3) [G]§ 117.340(f)(2) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(3) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(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)
							§ 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
GRPFURN3	PRO	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRPFURN4	EP	R5721-2	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) § 115.725(a)(7) § 115.725(a)(7)(C) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(a)(7)(A) § 115.725(a)(7)(B) § 115.725(a)(7)(C) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(a)(7)(A) § 115.725(a)(7)(B) § 115.725(n) [G]§ 115.726(a)(2)
GRPFURN4	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
						(ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).			
GRPFURN4	EU	R7PYRO	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(A) § 117.310(c)(3) § 117.340(f)(1)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(f)(3) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(e) [G]§ 117.340(f)(2) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(7) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(2) § 117.345(d)(3) § 117.345(d)(4) § 117.345(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
GRPFURN4	EU	R7PYRO	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(B)	An owner or operator may not use the alternative methods specified in §§	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b)	§ 117.345(a) § 117.345(f) § 117.345(f)(1)	§ 117.335(b) § 117.335(g) [G]§ 117.345(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)
					§ 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(f)(1) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(3)	117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.335(c) § 117.335(d) § 117.335(f) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(c)(1) [G]§ 117.340(c)(3) [G]§ 117.340(f)(2) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)	[G]§ 117.345(f)(2) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	[G]§ 117.345(c) § 117.345(d) § 117.345(d)(3) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
GRPFURN4	PRO	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRP-HON-FE	EU	R5780-1	Highly	30 TAC	§ 115.787(d)	All pumps that are equipped	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i)	[G]§ 115.782(c)(1)(B)(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)
			Reactive VOC	Chapter 115, HRVOC Fugitive Emissions	§ 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)	with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.		[G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	§ 115.783(3)(C) [G]§ 115.786(c)
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i)	All compressors that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(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)
					§ 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)				
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) [G]§ 115.781(d) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(1) § 115.783(1)(A) § 115.783(1)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii)	Bypass line valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) [G]§ 115.781(d) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.786(a)(1)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) § 115.786(a)(1) § 115.786(a)(2) § 115.786(a)(2)(A) § 115.786(a)(2)(B) § 115.786(b)(1) § 115.786(b)(2) § 115.786(b)(2)(A) § 115.786(b)(2)(B) § 115.786(b)(2)(C) [G]§ 115.786(b)(3) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(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)
					§ 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)				
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, and covers and seals on VOC water separators within the process unit or processes listed in §115.780(a) in which a HRVOC is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(a)	Components that contact a process fluid containing less than 5.0% highly-reactive volatile organic compounds by weight on an annual average basis are exempt from the requirements of this division (relating to Fugitive Emissions), except for 115.786(e) and (g) of this title (relating to Record keeping Requirements).	None	§ 115.786(e) § 115.786(g)	None

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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)
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.787(e) § 115.787(f) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	Pressure relief valves (in gaseous service) within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(b)(8) § 115.781(e) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g)
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2)	Valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation which	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g)

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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)
					§ 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	Flanges or other connectors within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)

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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)
						greater than 500 ppmv above background as methane for all components.	§ 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b)	Compressor seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3)	Pump seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)

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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)
				Emissions	§ 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1)	ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
GRP-HON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(2) § 115.787(f)(3) § 115.787(f)(4) § 115.787(g)	Open-ended valves or lines within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g) § 115.789(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)
					§ 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	methane for all components.	§ 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.786(e) § 115.786(g) [G]§ 115.788(g)	
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components at a natural gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	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)
						§115.356(3)(C) of this title.			
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115,	§ 115.352(1)(C) § 115.352(1)	No component shall be allowed to have a VOC leak,	§ 115.354(1) § 115.354(11)	§ 115.352(7) § 115.354(13)(D)	[G]§ 115.358(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)
				Pet. Refinery & Petrochemicals	§ 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(8) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	for more than 15 days, after discovery. If the owner or operator elects to use the alternative work practice in §115.358 of this title, any leak detected as defined in §115.358 of this title, including any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight,	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(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)
						smell, or sound.			
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight,	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(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)
					§ 115.357(1) § 115.357(8) § 115.357(9)	smell, or sound.			
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A)	[G]§ 115.354(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)
					§ 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(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)
					§ 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(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)
					§ 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

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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)
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight,	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

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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)
					§ 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	smell, or sound.			
GRP-HON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.162(e) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 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) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.164 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Compressors. §63.164(a)-(i)	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h)	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4)

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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]§ 63.171				[G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B)	40 CFR Part	[G]§ 63.169	Standards: Instrumentation	[G]§ 63.169	§ 63.181(a)	[G]§ 63.182(a)

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			HAPS	63, Subpart H	§ 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	systems. §63.169(a)-(d)	[G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c)	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c)

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					[G]§ 63.162(g) § 63.162(h) [G]§ 63.171			[G]§ 63.181(i)	[G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.167 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Open-ended valves or lines. §63.167(a)-(e).	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

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								§ 63.181(h)(7) [G]§ 63.181(i)	
GRP-HON-FE	EU	63HALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)	All pumps that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)

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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)
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)	All compressors that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) [G]§ 115.781(d) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(1)	Bypass line valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) [G]§ 115.781(d) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.786(a)(1)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) § 115.786(a)(1) § 115.786(a)(2) § 115.786(a)(2)(A) § 115.786(a)(2)(B) § 115.786(b)(1) § 115.786(b)(2) § 115.786(b)(2)(A) § 115.786(b)(2)(B)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(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)
					§ 115.783(1)(A) § 115.783(1)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	defined as a screening concentration greater than 500 ppmv above background as methane for all components.		§ 115.786(b)(2)(C) [G]§ 115.786(b)(3) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, and covers and seals on VOC water separators within the process unit or processes listed in §115.780(a) in which a HRVOC is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)

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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)
						background as methane for all components.			
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(a)	Components that contact a process fluid containing less than 5.0% highly-reactive volatile organic compounds by weight on an annual average basis are exempt from the requirements of this division (relating to Fugitive Emissions), except for 115.786(e) and (g) of this title (relating to Record keeping Requirements).	None	§ 115.786(e) § 115.786(g)	None
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.787(e) § 115.787(f) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C)	Pressure relief valves (in gaseous service) within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(b)(8) § 115.781(e) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g)

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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)
					§ 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)				
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	Valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g)

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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)
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	Flanges or other connectors within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§	Compressor seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)

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					115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b)	of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
GRP-MON-FE	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1)	Pump seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)
GRP-MON-FE	EU	R5780-1	Highly Reactive	30 TAC Chapter 115,	§ 115.781(b)(9) § 115.780(b)	Open-ended valves or lines within a petroleum refinery;	§ 115.354(1) § 115.354(10)	§ 115.354(10) § 115.356	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c)

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			VOC	HRVOC Fugitive Emissions	[G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(2) § 115.787(f)(3) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g) § 115.789(1)(B)
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components at a natural	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	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)
						gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.			
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery &	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	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)
				Petrochemicals		true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.			
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(8) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	No component shall be allowed to have a VOC leak, for more than 15 days, after discovery. If the owner or operator elects to use the alternative work practice in §115.358 of this title, any leak detected as defined in §115.358 of this title, including any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	[G]§ 115.358(g)
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(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)
					§ 115.357(1)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		[G]§ 115.356(3)(C) § 115.356(5)	
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(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)
					§ 115.357(12) § 115.357(8) § 115.357(9)	based on sight, smell, or sound.			
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(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)
					§ 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.357(1)		
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(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)
					§ 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery &	§ 115.352(1)(A) § 115.352(1) § 115.352(10)	No agitators shall be allowed to have a VOC leak, for more than 15 days after	§ 115.354(1) § 115.354(10) § 115.354(5)	§ 115.352(7) § 115.354(10) § 115.356	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)
				Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(12) § 115.357(8)	discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(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)
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight,	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	smell, or sound.			
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-MON-FE	EU	61JALL	Benzene	40 CFR Part 61, Subpart J	§ 61.112(a) § 61.112(b) § 63.2535(k)	Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for	None	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)
						Equipment Leaks (Fugitive Emission Sources).			
GRP-MON-FE	EU	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
GRPPAUPV2	EP	R5121-CH1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(B)	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 115.126(2)	None
GRPPAUPV2	EP	63G-CAT1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f) § 63.116(b)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(ii) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f)	§ 63.114(a)(1) § 63.114(d)(1) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(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)
									§ 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPPAUPV3	EP	R5121-CH1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(B)	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 115.126(2)	None
GRPPAUPV3	EP	63G-CAT1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f) § 63.116(b)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(ii) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f)	§ 63.114(a)(1) § 63.114(d)(1) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(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)
GRPPAUPV4	EP	R5121-CH2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 115.126(2)	None
GRPPAUPV4	EP	63G-CAT1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f) § 63.116(b)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(ii) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f)	§ 63.114(a)(1) § 63.114(d)(1) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPVNT	EP	R5720-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(c)(2)	A vent gas stream that has the potential to emit HRVOCs, but has a concentration less than 100 ppmv at all times or has a	None	§ 115.726(e)(3)(A) § 115.726(j)(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)
						maximum potential flow rate equal to or less than 100 dry standard cubic feet per hour is exempt from this division with the exception of § 115.726(e)(3)(A) of this title. The maximum potential HRVOC emissions for the sum of all vent gas streams claimed under this exemption, must be less for the account specified in § 115.722(a) or (b) of this title than 0.5 tpy.			
GRPVNT	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
GRPVNT2	EP	R5720-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(c)(2)	A vent gas stream that has the potential to emit HRVOCs, but has a concentration less than 100 ppmv at all times or has a maximum potential flow rate equal to or less than 100 dry standard cubic feet per hour is exempt from this division with the exception of § 115.726(e)(3)(A) of this title. The maximum potential HRVOC emissions for the	None	§ 115.726(e)(3)(A) § 115.726(j)(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)
						sum of all vent gas streams claimed under this exemption, must be less for the account specified in § 115.722(a) or (b) of this title than 0.5 tpy.			
GRPVNT2	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
H1300	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
H1300	EP	R5721-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) § 115.725(n) [G]§ 115.726(a)(2)
H1300	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
						compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	Monitoring Summary		
H1300	EU	R7HTR-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
H1300	EU	R7HTR-2	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(i) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(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)
						operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		[G]§ 117.8010(7)
H1300	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
H87920	EU	R2-BOILER	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(c)	No person shall use liquid fuel with a sulfur content greater than 0.3% by weight, or allow emissions of SO2 to exceed 150 ppmv, based on 20% excess air, averaged over a 3-hour period.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
H87920	EP	R5721-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) § 115.725(n) [G]§ 115.726(a)(2)
H87920	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC)	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
						concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).			
H87920	EU	R7-BOILER	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(1)(A) § 117.310(a)(7) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(f)(1) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(f)(1) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(c)(1) [G]§ 117.340(c)(3) [G]§ 117.340(f)(2) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(3) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(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)
H87920	EU	R7-BOILER	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(A) § 117.310(c)(3) § 117.340(f)(1) § 117.8120	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(f)(3) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(e) [G]§ 117.340(f)(2) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120(1) § 117.8120(1)(A)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(7) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(2) § 117.345(d)(3) § 117.345(d)(4) § 117.345(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
H87920	EU	60-Db-1	SO_2	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) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

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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)
H87920	EU	60-Db-1	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) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
H87920	EU	60-Db-1	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) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
H87920	EU	60-Db-1	NO_X	40 CFR Part 60, Subpart Db	§ 60.44b(l)(2) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities with a low heat release rate and combusting natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels, a limit determined by use of the specified formula.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
H87920	EU	63EEE	DIOXINS/FURANS	40 CFR Part 63, Subpart EEE	§ 63.1217(a)(1)(ii) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v)	For existing liquid fuel boilers, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain CO emissions in excess of the limits provided by §63.1217(a)(5) for sources not equipped with a dry air pollution control system;	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) [G]§ 63.1207(b)(2) [G]§ 63.1207(b)(3) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C)

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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]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(l)(2) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(k) § 63.1209(k)(1)(i) § 63.1209(k)(2)(i) § 63.1209(k)(2)(ii) [G]§ 63.1209(k)(3) [G]§ 63.1209(k)(4) § 63.1209(k)(5) [G]§ 63.1209(k)(6) [G]§ 63.1209(k)(7) [G]§ 63.1209(k)(8) [G]§ 63.1209(k)(9) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(d)		[G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(A) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(ii) § 63.1207(g)(2)(v) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1208(b)(1) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(k)(2)(i) [G]§ 63.1209(k)(3) [G]§ 63.1209(k)(8) § 63.1209(p)	§ 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) § 63.1209(k)(2)(i) [G]§ 63.1209(k)(3) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xix) § 63.1207(f)(1)(xv) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) [G]§ 63.1207(f)(1)(xx) [G]§ 63.1207(f)(1)(xxi) § 63.1207(f)(1)(xxii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(2) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2)

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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]§ 63.1209(q) § 63.1209(r)		§ 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H87920	EU	63EEE	Mercury	40 CFR Part 63, Subpart EEE	§ 63.1217(a)(2)(ii) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(l) § 63.1209(l)(1)(ii) § 63.1209(l)(1)(ii)(A) [G]§ 63.1209(l)(1)(ii)(B) [G]§ 63.1209(l)(1)(ii)(D) § 63.1209(p)	For existing liquid fuel boilers, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain Hg, except as provided for in paragraph §63.1217 (a)(2)(iii), when you burn hazardous waste with an as-fired heating value 10,000 Btu/lb or greater, emissions in excess of 4.2 x 10-5 lbs Hg attributable to the hazardous waste per million Btu heat input from the hazardous waste on an (not-to-exceed) annual averaging period.	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x)

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					[G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(d)		[G]§ 63.1207(m)(2) § 63.1208(b)(2) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(l) § 63.1209(l)(1)(ii) § 63.1209(l)(1)(ii)(A) [G]§ 63.1209(l)(1)(ii)(B) [G]§ 63.1209(l)(1)(ii)(D) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		[G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(B) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H87920	EU	63EEE	Combined Metals	40 CFR Part 63, Subpart EEE	§ 63.1217(a)(3)(ii) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v)	For existing liquid fuel boilers, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain, except for an area source as defined under §63.2, when you burn hazardous waste with an as-fired heating value of 10,000 Btu/lb or greater, emissions	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(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]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(n) § 63.1209(n)(1) § 63.1209(n)(2)(i) § 63.1209(n)(2)(v)(A) § 63.1209(n)(2)(v)(A)(1) [G]§ 63.1209(n)(2)(v)(A)(2) [G]§ 63.1209(n)(5) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(d)	in excess of 8.2 x 10^{-5} lbs combined cadmium and lead emissions attributable to the hazardous waste per million Btu heat input from the hazardous waste on an (not-to-exceed) annual averaging period.	§ 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1208(b)(3) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(n)(2)(v)(A) § 63.1209(n)(2)(v)(A)(1) [G]§	§ 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(A) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(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)
							63.1209(n)(2)(v)(A)(2) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H87920	EU	63EEE	Total Chlorine	40 CFR Part 63, Subpart EEE	§ 63.1217(a)(6)(ii) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(n)(4) § 63.1209(o) [G]§ 63.1209(o)(1)(ii)(A) [G]§ 63.1209(o)(2) [G]§ 63.1209(o)(3) § 63.1209(o)(4) § 63.1209(p) [G]§ 63.1209(q)	For existing liquid fuel boilers, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain, except for an area source as defined under §63.2, when you burn hazardous waste with an as-fired heating value of 10,000 Btu/lb or greater, emissions in excess of 5.08 x 10-2 lbs combined emissions of hydrogen chloride and chlorine gas attributable to the hazardous waste per million Btu heat input from the hazardous waste.	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(iii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxv) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(iii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(d)		[G]§ 63.1207(m)(2) [G]§ 63.1208(b)(5)(i) § 63.1208(b)(5)(ii) [G]§ 63.1208(b)(5)(ii)(B) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H87920	EU	63EEE	PM	40 CFR Part 63, Subpart EEE	§ 63.1217(a)(7) [G]§ 63.1206(b)(5) § 63.1206(b)(8)(v) § 63.1206(b)(8)(vi) § 63.1206(b)(8)(vii) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5)	For existing liquid fuel boilers, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain particulate matter, except for an area source as defined under §63.2 or as provided by §63.1217(e), emissions in excess of 80	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(8)(iii) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(8)(iii) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(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)
					§ 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(m) [G]§ 63.1209(m)(1)(i) [G]§ 63.1209(m)(1)(iv) [G]§ 63.1209(m)(2) § 63.1209(m)(3) § 63.1209(n)(3) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(d)	mg/dscm corrected to 7 % 02.	[G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(C) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(iv) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(6) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(1)(iii) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(m) [G]§ 63.1209(m)(1)(i) [G]§ 63.1209(m)(1)(iv)	§ 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxiii) [G]§ 63.1207(f)(1)(xxiv) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(iv) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2)

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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]§ 63.1209(m)(2) § 63.1209(m)(3) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		[G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H87920	EU	63EEE	Principal Organic Hazardous Constituent	40 CFR Part 63, Subpart EEE	§ 63.1217(c)(1) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) [G]§ 63.1209(j) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(c)(3)(i) § 63.1217(c)(3)(ii)	For liquid fuel boilers, except as provided in §63.1217(c)(2), you must achieve a DRE of 99.99% for each POHC designated under paragraph §63.1217(c)(3). You must calculate DRE for each POHC using the equation in §63.1217(c)(2).	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) § 63.1206(b)(7)(iii) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) § 63.1207(f)(1)(ii)(D) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(7) § 63.1208(b)(8)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) § 63.1207(f)(1)(ii)(D) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xix) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(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)
							§ 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) [G]§ 63.1209(j) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		[G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H87920	EU	63EEE	Chromium	40 CFR Part 63, Subpart EEE	§ 63.1217(a)(4)(ii) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k)	For existing liquid fuel boilers, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain, except for an area source as defined under §63.2, when you burn hazardous waste with an as-fired heating value of 10,000 Btu/lb or greater, emissions in excess of 1.3 x 10-4 lbs chromium emissions attributable to the hazardous waste per million	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(n) § 63.1209(n)(1) § 63.1209(n)(2)(i) [G]§ 63.1209(n)(2)(v)(B)(1) § 63.1209(n)(2)(vi) [G]§ 63.1209(n)(5) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(d)	Btu heat input from the hazardous waste.	§ 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1208(b)(4) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) [G]§ 63.1209(n)(2)(v)(B)(1) § 63.1209(n)(2)(vi) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)	[G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(A) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(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)
									§ 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H87920	EU	63EEE	Total Hydrocarbons/CO	40 CFR Part 63, Subpart EEE	§ 63.1217(a)(5)(i) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1217(d)	For existing liquid fuel boilers, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain CO in excess of 100 ppmv, over an hourly rolling average (monitored continuously with a CEMs), dry basis and corrected to 7 % 02. If complying with this CO standard rather than the hydrocarbon standard under §63.1217(a)(5)(ii), hydrocarbons do not exceed 10 ppmv , and must be reported as specified.	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(6) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(i) § 63.1207(g)(2)(v) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(1)(i) § 63.1209(a)(2)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(i) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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]§ 63.1209(a)(3) [G]§ 63.1209(a)(6) § 63.1209(a)(7) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		[G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
H902	EP	R5721-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) [G]§ 115.725(a)(4) [G]§ 115.725(l) [G]§ 115.726(a)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(a) § 115.725(a)(1)(A) § 115.725(a)(1)(B) § 115.725(a)(1)(C) § 115.725(a)(3) § 115.725(a)(3)(B) [G]§ 115.725(a)(4) § 115.725(a)(5) [G]§ 115.725(l) § 115.725(n)	§ 115.726(b)(1) § 115.726(b)(2) § 115.726(b)(3) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	[G]§ 115.725(a)(4) § 115.725(a)(5) § 115.725(n) [G]§ 115.726(a)(2)
H902	EP	R5121-OTH	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 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)
						corrected to 3.0% oxygen for combustion devices).			
H902	EU	R7HTR-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(A) § 117.310(c)(3) § 117.340(f)(1)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(f) § 117.335(f)(3) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(e) [G]§ 117.340(f)(2) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2) § 117.345(f)(7) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.345(d) § 117.345(d)(2) § 117.345(d)(3) § 117.345(d)(4) § 117.345(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
H902	EU	R7HTR-3	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(i) § 117.310(b)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(c)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) [G]§ 117.345(f)(2)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(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]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(f)(1) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(3)	117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.335(d) § 117.335(f) § 117.335(g) § 117.340(a) § 117.340(b)(1) § 117.340(b)(3) § 117.340(c)(1) [G]§ 117.340(c)(3) [G]§ 117.340(f)(2) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)	§ 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 117.345(d) § 117.345(d)(3) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
H902	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
HT2FLR	EP	R5121-	VOC	30 TAC	§ 115.122(a)(1)	Vent gas streams affected	[G]§ 115.125	§ 115.126	None

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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)
		FLR2		Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126(1) § 115.126(1)(B) § 115.126(2)	
HT2FLR	EP	63FFFF-CPVNT	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
HT2FLRG	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 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)
						than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).			
HT3FLR	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
HT3FLRG	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
HTII	PRO	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(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]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
IRU	PRO	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(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)
									§ 63.2520(e)(9)
IRUFLR	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
IRUFLR	EP	60NNN-FLR	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(b) § 60.18	Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18.	§ 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e)	§ 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f)	§ 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4)
IRUFLR	EP	63FFFF-CPVNT	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(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)
							§ 63.997(c)(3)(i) § 63.997(c)(3)(ii)		
IRUFLRG	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
IRUFLRG	EP	60NNN-FLR	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(b) § 60.18	Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18.	§ 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e)	§ 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f)	§ 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4)
J313	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
J313	EU	R5112-	VOC	30 TAC	§ 115.111(a)(1)	Except as provided in §	[G]§ 115.117	§ 115.118(a)(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)
		TVP		Chapter 115, Storage of VOCs		115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	
J313	EU	63G-G2-TK	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)
J313	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
J314	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
						requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
J314	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
J314	EU	63G-G2-TK	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)
J314	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 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)
K306	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
K307	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
L306	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
L306	EU	63G-G2-TK	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)
L308	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
L308	EU	63G-G2-TK	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	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						to comply with §63.119 to §63.123.			
L332	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
L332	EU	63G-G2-TK	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)
L333	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
L333	EU	63G-G2-TK	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)
LO3CPI	EU	R5137-SEP	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(a)(2) [G]§ 115.132(a)(4)	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a).	[G]§ 115.135(a) § 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(1) § 115.136(a)(3) § 115.136(a)(4)	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)
LPGFL	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
NEUT1	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
NEUT2	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
NEUT3	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3)	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(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)
						which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148		
NEUT4	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
NTFFLR	EP	R5720-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(c)(2)	A vent gas stream that has the potential to emit HRVOCs, but has a concentration less than 100 ppmv at all times or has a maximum potential flow rate equal to or less than 100 dry standard cubic feet per hour is exempt from this division with the exception of § 115.726(e)(3)(A) of this title. The maximum potential HRVOC emissions for the sum of all vent gas streams claimed under this exemption, must be less for the account specified in § 115.722(a) or (b) of this title than 0.5 tpy.	None	§ 115.726(e)(3)(A) § 115.726(j)(2)	None
NTFFLR	EP	R5121-FLR2	VOC	30 TAC Chapter 115,	§ 115.122(a)(1) § 115.121(a)(1)	Vent gas streams affected by §115.121(a)(1) must be	[G]§ 115.125 § 115.126(1)	§ 115.126 § 115.126(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)
				Vent Gas Controls	§ 115.122(a)(1)(B) § 60.18	controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1)(B) § 115.126(2)	§ 115.126(1)(B) § 115.126(2)	
NTFFLR	EP	63FFFF-CPVNT	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
NTFFLRG	EP	R5720-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(c)(2)	A vent gas stream that has the potential to emit HRVOCs, but has a concentration less than 100 ppmv at all times or has a maximum potential flow rate equal to or less than 100 dry standard cubic feet per hour	None	§ 115.726(e)(3)(A) § 115.726(j)(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)
						is exempt from this division with the exception of § 115.726(e)(3)(A) of this title. The maximum potential HRVOC emissions for the sum of all vent gas streams claimed under this exemption, must be less for the account specified in § 115.722(a) or (b) of this title than 0.5 tpy.			
NTFFLRG	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I)	All pumps that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(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)
					§ 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)				
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(g)	All compressors that are equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal are exempt from the monitoring requirement of §115.781(b) and (c). Submerged pumps or sealless pumps may be used to satisfy the requirements of this subsection.	§ 115.782(d)(2)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) [G]§ 115.781(d)	Bypass line valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(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)
				Emissions	§ 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(1) § 115.783(1)(A) § 115.783(1)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(b)(7)(A) § 115.781(b)(7)(B) [G]§ 115.781(d) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.786(a)(1)	§ 115.781(g)(3) § 115.782(c)(2)(A)(ii) § 115.786(a)(1) § 115.786(a)(2) § 115.786(a)(2)(A) § 115.786(a)(2)(B) § 115.786(b)(1) § 115.786(b)(2) § 115.786(b)(2)(A) § 115.786(b)(2)(B) § 115.786(b)(2)(C) [G]§ 115.786(b)(3) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.788(e) [G]§ 115.788(g)
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A)	Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, and covers and seals on VOC water separators within the process unit or	§ 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1)	§ 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)

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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)
					§ 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	processes listed in §115.780(a) in which a HRVOC is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(a)	Components that contact a process fluid containing less than 5.0% highly-reactive volatile organic compounds by weight on an annual average basis are exempt from the requirements of this division (relating to Fugitive Emissions), except for 115.786(e) and (g) of this title (relating to Record keeping Requirements).	None	§ 115.786(e) § 115.786(g)	None
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii)	Pressure relief valves (in gaseous service) within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(b)(8)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(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)
					§ 115.782(c)(1)(B)(iv) § 115.787(e) § 115.787(f) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.781(e) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	[G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B)	Valves within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(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)
					§ 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)				
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv)	Flanges or other connectors within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.789(1)(B)
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a)	Compressor seals within a petroleum refinery; synthetic organic chemical, polymer,	§ 115.354(1) § 115.354(10) § 115.354(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)

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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)
				Fugitive Emissions	§ 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b)	resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II)	Pump seals within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(c)(1) § 115.781(c)(2) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) [G]§ 115.782(c)(1)(B)(i) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2)	[G]§ 115.782(c)(1)(B)(i) § 115.783(3)(C) [G]§ 115.786(c)

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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)
					§ 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1)	all components.		§ 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	
OFGRFUG	EU	R5780-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.781(b)(9) § 115.780(b) [G]§ 115.781(a) § 115.781(g)(3) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(2) § 115.782(c)(2)(A) § 115.782(c)(2)(A)(i) § 115.782(c)(2)(A)(ii) § 115.782(c)(2)(B) § 115.783(5) § 115.787(f) § 115.787(f)(2) § 115.787(f)(3) § 115.787(f)(4) § 115.787(g) § 115.788(a) § 115.788(a)(1) § 115.788(a)(2) § 115.788(a)(2)(A) § 115.788(a)(2)(B) § 115.788(a)(2)(C) § 115.788(a)(2)(C)(i) § 115.788(a)(2)(C)(ii) § 115.788(a)(2)(C)(iii) § 115.788(a)(2)(D) § 115.788(a)(3) § 115.788(a)(3)(A) § 115.788(a)(3)(B) [G]§ 115.788(g)	Open-ended valves or lines within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or natural gas/gasoline processing operation in which a highly-reactive volatile organic compound is a raw material, intermediate, final product, or in a waste stream is subject to the requirements of this division. A leak is defined as a screening concentration greater than 500 ppmv above background as methane for all components.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) § 115.781(b) § 115.781(b)(10) § 115.781(b)(3) § 115.781(b)(4) § 115.781(b)(7) § 115.781(b)(7)(A) § 115.781(b)(7)(B) § 115.781(f) § 115.781(f)(1) § 115.781(f)(2) § 115.781(f)(3) § 115.781(f)(4) § 115.781(f)(5) § 115.781(f)(6) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.782(d)(2) § 115.789(1)(B)	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) § 115.781(b)(10) § 115.781(g) § 115.781(g)(1) § 115.781(g)(2) § 115.781(g)(3) § 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.786(d) § 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	§ 115.782(c)(2)(A)(ii) [G]§ 115.786(c) § 115.788(c) [G]§ 115.788(d) § 115.788(e) [G]§ 115.788(g) § 115.789(1)(B)

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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)
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components at a natural gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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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)
						§63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.			
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(8) § 115.357(8) § 115.358(c)(1)	No component shall be allowed to have a VOC leak, for more than 15 days, after discovery. If the owner or operator elects to use the alternative work practice in §115.358 of this title, any leak detected as defined in §115.358 of this title, including any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	[G]§ 115.358(g)

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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]§ 115.358(h)				
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
OFGRFUG	EU	R5352ALL	VOC	30 TAC	§ 115.352(1)(A)	No pressure relief valves	§ 115.354(1)	§ 115.352(7)	[G]§ 115.354(7)

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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)
				Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9)	shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12)	No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(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)
					§ 115.357(8) § 115.357(9)				
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C)	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)
					§ 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(5)	
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C)	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)
					§ 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8)	the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(5)	
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(12) § 115.357(8)	No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3)	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)
					§ 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		[G]§ 115.356(3)(C) § 115.356(5)	
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC	§ 115.352(1)(B)	No pump seals shall be	[G]§ 115.355	§ 115.352(7)	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)
				Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
OFGRFUG	EU	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(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)
					§ 115.352(7) § 115.357(12) § 115.357(8)				
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-1a(d) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Equipment that is in vacuum service is excluded from the requirements of §60.482-2a to §60.482-10a, if it is identified as required in §60.486a(e)(5).	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	None
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-1a(e) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Equipment that an owner or operator designates as being in VOC service less than 300 hours (hr)/yr is excluded from the requirements of §§ 60.482-2a through 60.482-11a if it is identified as required in §60.486a(e)(6) and it meets any of the conditions specified in paragraphs (e)(1) through (3) of this section. §60.482-1a(e)(1)-(3)	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6)	None
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-2a(b)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(ii) § 60.482-2a(c)(1) [G]§ 60.482-2a(c)(2) § 60.482-2a(d) [G]§ 60.482-2a(d)(1) § 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e)	The instrument reading that defines a leak in a pump in light liquid service is 5,000 parts per million (ppm) or greater for pumps handling polymerizing monomers or 2,000 ppm or greater for all other pumps, as specified in paragraphs (b)(1)(i) and (ii) of this section. §60.482-2a(b)(1)(i)-(ii)	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(2)(i) [G]§ 60.482-2a(d)(4) [G]§ 60.482-2a(d)(5) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) § 60.486a(e)(7) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(3) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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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)
					§ 60.482-2a(f) [G]§ 60.482-2a(g) § 60.482-2a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)		[G]§ 60.485a(d) [G]§ 60.485a(e)		
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-3a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i) § 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each compressor shall be equipped with a seal system that includes a barrier fluid system and that prevents leakage of VOC to the atmosphere, except as provided in §60.482-3a(c) and paragraphs (h), (i), and (j) of this section.	§ 60.482-1a(g) § 60.482-3a(e)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(4) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart	§ 60.482-4a(a) § 60.482-1a(a)	Except during pressure releases, each pressure	§ 60.482-1a(g) § 60.482-4a(b)(2)	§ 60.482-1a(g) § 60.485a(b)(2)	§ 60.487a(a) § 60.487a(b)

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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)
				VVa	§ 60.482-1a(b) § 60.482-1a(g) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c) § 60.482-4a(d)(1) § 60.482-4a(d)(2) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	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, as determined by the methods specified in §60.485a(c).	§ 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8)	§ 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-5a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-5a(b) § 60.482-5a(c) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in §60.482-1a(c) and paragraph (c) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-6a(a)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-6a(a)(2) § 60.482-6a(b) § 60.482-6a(c) § 60.482-6a(d) § 60.482-6a(e) § 60.485a(b) § 60.485a(f)	Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in §60.482-1a(c) and paragraphs (d) and (e) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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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)
					§ 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)				
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-7a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(d) [G]§ 60.482-7a(e) [G]§ 60.482-7a(f) [G]§ 60.482-7a(g) [G]§ 60.482-7a(h) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in gas vapor service if an instrument reading of 500 ppm or greater is measured, a leak is detected.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) [G]§ 60.482-7a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) § 60.486a(f)(2)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2)	At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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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)
					§ 60.486a(k)				
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2)	At a pressure relief device in light liquid or heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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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)
					§ 60.486a(k)				
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(c)(2) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-10a(g) § 60.482-10a(a) [G]§ 60.482-10a(f) § 60.482-10a(h) § 60.482-10a(i) [G]§ 60.482-10a(j) [G]§ 60.482-10a(k) § 60.482-10a(m) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Closed vent system leaks, as indicated by an instrument reading greater than 500 ppmv above background or by visual inspections, shall be repaired as soon as practicable except as provided in paragraph (h) of this section.	§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2)	[G]§ 60.482-10a(l) § 60.485a(b)(2) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	60VVAALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d)	If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3)	§ 60.482-11a(b)(3)(v) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b)	§ 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c)

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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]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	and light liquid service, a leak is detected.	§ 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(e)	[G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ix) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OFGRFUG	EU	63YYALL	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
OP2	EU	R5-CWCEMS	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Cooling Towers	§ 115.761(c)(1) § 115.761(c)(3) § 115.764(a)(1) § 115.766(i)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 1 of this subchapter must not exceed 1,200 pounds of HRVOCs per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.764(a)(1) § 115.764(a)(3) [G]§ 115.764(a)(6) § 115.764(c) § 115.764(f)	§ 115.766(a)(1) § 115.766(a)(2) § 115.766(a)(3) § 115.766(a)(5) § 115.766(a)(6) § 115.766(c) [G]§ 115.766(g) [G]§ 115.766(h) § 115.766(i)(1)	§ 115.766(i)(2)
OP2	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
OP2ACMAP	EP	R5121-OTH1	VOC	30 TAC Chapter 115,	§ 115.122(a)(1) § 115.121(a)(1)	Vent gas streams affected by §115.121(a)(1) must be	[G]§ 115.125 § 115.126(1)	§ 115.126 § 115.126(1)	None

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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)
				Vent Gas Controls	§ 115.122(a)(1)(C)	controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126(1)(C) § 115.126(2)	
OP2ACMAP	EP	60RRR-1	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.703(c)(1) § 60.703(c)(1)(i) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.703(c)(1) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(d)(1) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(l)(2) § 60.705(s)
OP2DIST	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
OP2DIST	EP	60NNN-FLR	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(b) § 60.18	Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18.	§ 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e)	§ 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f)	§ 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4)

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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)
OP2ELFLA	CD	R1111-FLR	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 upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OP2ELFLA	EP	R5FLR-MULT	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(d) § 115.722(d)(1) § 115.722(d)(2) [G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) [G]§ 115.725(l) [G]§ 115.726(a)(2)	All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.	[G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) § 115.725(d)(3) § 115.725(d)(4) § 115.725(d)(5) § 115.725(d)(6) § 115.725(d)(7) § 115.725(k)(1) [G]§ 115.725(l) § 115.725(n)	§ 115.726(a)(1) § 115.726(a)(1)(A) § 115.726(d)(1) § 115.726(d)(10) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n) § 115.726(a)(1)(B) [G]§ 115.726(a)(2)
OP2ELFLA	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 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)
OP2ELFLA	CD	60A-FLR1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
OP2ELFLA	CD	61FF-CVS	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 60.18 § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g) § 61.354(c)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device.	§ 60.18(f)(2) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(D) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
OP2ELFLA	CD	63A-FLR1	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 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) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
OP3CWT	EU	R5-CWCEMS	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Cooling Towers	§ 115.761(c)(1) § 115.761(c)(3) § 115.764(a)(1) § 115.766(i)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 1 of this subchapter must not exceed 1,200 pounds of HRVOCs per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.764(a)(1) § 115.764(a)(3) [G]§ 115.764(a)(6) § 115.764(c) § 115.764(f)	§ 115.766(a)(1) § 115.766(a)(2) § 115.766(a)(3) § 115.766(a)(5) § 115.766(a)(6) § 115.766(c) [G]§ 115.766(g) [G]§ 115.766(h) § 115.766(i)(1)	§ 115.766(i)(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)
OP3CWT	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
OP3ELFLA	CD	R1111-FLR	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 upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OP3ELFLA	EP	R5FLR-MULT	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(d) § 115.722(d)(1) § 115.722(d)(2) [G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) [G]§ 115.725(l) [G]§ 115.726(a)(2)	All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.	[G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) § 115.725(d)(3) § 115.725(d)(4) § 115.725(d)(5) § 115.725(d)(6) § 115.725(d)(7) § 115.725(k)(1) [G]§ 115.725(l) § 115.725(n)	§ 115.726(a)(1) § 115.726(a)(1)(A) § 115.726(d)(1) § 115.726(d)(10) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n) § 115.726(a)(1)(B) [G]§ 115.726(a)(2)
OP3ELFLA	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a	[G]§ 115.125 § 115.126(1) § 115.126(1)(B)	§ 115.126 § 115.126(1) § 115.126(1)(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)
				Controls	§ 60.18	control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(2)	§ 115.126(2)	
OP3ELFLA	CD	60A-FLR1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
OP3ELFLA	CD	61FF-CVS	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 60.18 § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g) § 61.354(c)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device.	§ 60.18(f)(2) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(D) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
OP3ELFLA	CD	63A-FLR1	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 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) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
OP3GRFLA	CD	R1111-FLR	Opacity	30 TAC Chapter 111,	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not	§ 111.111(a)(4)(A)(i) § 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)
				Visible Emissions		be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).			
OP3GRFLA	EP	R5FLR-MULT	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(d) § 115.722(d)(1) § 115.722(d)(2) [G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) [G]§ 115.725(l) [G]§ 115.726(a)(2)	All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.	[G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) § 115.725(d)(3) § 115.725(d)(4) § 115.725(d)(5) § 115.725(d)(6) § 115.725(d)(7) § 115.725(k)(1) [G]§ 115.725(l) § 115.725(n)	§ 115.726(a)(1) § 115.726(a)(1)(A) § 115.726(d)(1) § 115.726(d)(10) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n) § 115.726(a)(1)(B) [G]§ 115.726(a)(2)
OP3GRFLA	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
OP3GRFLA	CD	60A-FLR2	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1)	Flares shall comply with paragraphs (c)-(f) of §	§ 60.18(d) § 60.18(f)(1)	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)
					§ 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	60.18.	§ 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)		
OP3GRFLA	CD	61FF-CVS	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 60.18 § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g) § 61.354(c)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device.	§ 60.18(f)(2) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(D) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
OP3GRFLA	CD	63A-FLR2	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	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) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
P1309S	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
P87921	EU	R7ENG-	Exempt	30 TAC	[G]§ 117.303(a)(10)	Units exempted from the	None	§ 117.340(j)	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)
		D01-		Chapter 117, Subchapter B	[G]§ 117.310(f)	provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include any stationary diesel engine placed into service before October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average; and has not been modified, reconstructed, or relocated on or after October 1, 2001. §117.303(a)(10)(A)-(B)		[G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	
P87921	EU	63Z4-2006-	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	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) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PROAERAT	PRO	61FF-TRT2	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 61.348(a)(1)(ii) § 61.348(a)(2) § 61.348(a)(4) § 61.348(f)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 61.348(f) § 61.354(a)(2)	§ 61.354(a)(2) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) [G]§ 61.356(i)	§ 61.357(d)(7) § 61.357(d)(7)(ii)
PROAROM	PRO	63F-1	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(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)
					§ 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.105(d)	manufacturing process units that meet the criteria.	[G]§ 63.104(b)	§ 63.105(e)	
PROBD3	PRO	63F-1	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)
PRODIST	PRO	63F-2	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6)	[G]§ 63.103(c) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d)
PROPAU	PRO	63F-1	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)
S13141	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6)	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(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)
							§ 115.145(7) § 115.145(9) [G]§ 115.148		
S13142	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
S13143	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
S332	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
S332	EU	61FF-IFR	Benzene	40 CFR Part	§ 61.351(a)	As an alternative to the	§ 60.113b(a)(1)	§ 60.115b	§ 60.113b(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, Subpart FF	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	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(a)(3) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b(a)(2) § 61.356(k)	§ 60.115b § 60.115b(a)(1) § 60.115b(a)(4) § 61.357(e) § 61.357(f)
S390	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
S391	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
S392	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
S400	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	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)
SCRWRTC	EU	R5-LOAD2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C).	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(1) § 115.216(1)(C) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
SCRWRTC	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
SCRWRTT	EU	R5-LOAD2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C).	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(1) § 115.216(1)(C) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
SETENT	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9)	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(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]§ 115.148		
SITE3FL	EP	R5720-1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(c)(2)	A vent gas stream that has the potential to emit HRVOCs, but has a concentration less than 100 ppmv at all times or has a maximum potential flow rate equal to or less than 100 dry standard cubic feet per hour is exempt from this division with the exception of § 115.726(e)(3)(A) of this title. The maximum potential HRVOC emissions for the sum of all vent gas streams claimed under this exemption, must be less for the account specified in § 115.722(a) or (b) of this title than 0.5 tpy.	None	§ 115.726(e)(3)(A) § 115.726(j)(2)	None
SITE3FL	EP	R5121-FLR2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
SITE3TC	EU	R5211-ACR	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(b) § 115.212(a)(2) § 115.212(a)(3)(B) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.213(b)(1) § 115.213(b)(4)	As an alternative to §115.212(b)(1), loading operations may elect to achieve a 90% overall control of emissions at the account when loading VOC with true vapor pressure	§ 115.212(a)(3)(B) § 115.213(b) § 115.213(b)(1) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(1)	§ 115.213(b)(1) § 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii)	§ 115.213(b)(1) § 115.213(b)(2) § 115.213(b)(3) § 115.213(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)
					[G]§ 115.213(b)(6) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(ii)	greater than 0.5 psia, but less than 11.0 psia, provided that the conditions specified in §115.213(b)(1)-(6) are met.	§ 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216(3)(B)	
SITE3TT	EU	R5211-ACR	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(b) § 115.212(a)(2) § 115.212(a)(3)(B) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.213(b)(1) § 115.213(b)(4) [G]§ 115.213(b)(6) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(ii)	As an alternative to §115.212(b)(1), loading operations may elect to achieve a 90% overall control of emissions at the account when loading VOC with true vapor pressure greater than 0.5 psia, but less than 11.0 psia, provided that the conditions specified in §115.213(b)(1)-(6) are met.	§ 115.212(a)(3)(B) § 115.213(b) § 115.213(b)(1) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.213(b)(1) § 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	§ 115.213(b)(1) § 115.213(b)(2) § 115.213(b)(3) § 115.213(b)(4)
T1301	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T1302	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T1310	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T1310	EU	63G-G2-	112(B)	40 CFR Part	§ 63.119(a)(3)	Group 2 tanks not using	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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	HAPS	63, Subpart G		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.			
T1318	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
T1319	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(4)
T1320	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9)	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(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]§ 115.148		
T1331	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T1332	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T1333	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T1334	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T2800	EU	R5140-EXMT	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.147(2) [G]§ 115.142(4) [G]§ 115.148	An owner or operator may exempt from control requirements of §115.142 one or more affected VOC wastewater streams for which the total annual VOC loading is less than or equal to 10 Mg (11.03 tons).	§ 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3) § 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148	§ 115.146(1) § 115.146(3) § 115.146(4)	[G]§ 115.142(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)
T317	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
T317	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T331	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T74B	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
						Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
T74B	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T74B	EU	63G-G2-TK	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)
T74B	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
T87000	EU	R5112-	VOC	30 TAC	§ 115.112(e)(1)	No person shall place, store,	§ 115.115(a)	§ 115.118(a)(4)	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)
		DIRINC		Chapter 115, Storage of VOCs	§ 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	
T87000	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T87000	EU	63G-G2-TK	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)
T87000	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(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]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87003	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	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)
						condensate.			
T87003	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T87003	EU	63G-G2-TK	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)
T87003	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87004	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None
T87004	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T87005	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	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)
						vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
T87005	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T87005	EU	63G-G2-TK	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)
T87005	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87007	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None
T87007	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(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)
				VOCs		vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
T87007	EU	63G-G2-TK	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)
T87007	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(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]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87100	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None
T87100	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T87100	EU	63G-G2-TK	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)
T87100	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1)	The owner or operator who elects to use a closed vent	§ 63.120(d)(1) § 63.120(d)(1)(ii)	§ 63.123(a) § 63.123(f)(1)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(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(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	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)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87300	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	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)
						atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
T87300	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T87300	EU	63G-G2-TK	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)
T87300	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [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) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87400	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None
T87400	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						psia is exempt from the requirements of this division.			
T87400	EU	63G-G2-TK	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)
T87400	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [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)
									[G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87401	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None
T87401	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T87401	EU	63G-G2-TK	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)
T87401	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1)	The owner or operator who elects to use a closed vent system and control device	§ 63.120(d)(1) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(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)
					§ 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	(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)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
T87500	EU	R5112-DIRINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	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)
						compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
T87500	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
T87500	EU	63G-G2-TK	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)
T87500	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(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)
									[G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TB3301R1	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
TB3301R1	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						requirements of this division.			
TB3301R1	EU	63G-G2-TK	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)
TB3301R1	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
TBD301	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
						of subsection (a)(1) of this paragraph for crude oil and condensate.			
TBD301	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TBD301	EU	MON-IFR-SF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
TBD301	EU	MON-IFR-SS	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	comply with the requirements of Subpart WW of this part, except as specified in §63.2470.			
TBD910	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
TBD910	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						requirements of this division.			
TBD910	EU	MON-IFR-SF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
TBD910	EU	MON-IFR-SS	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)				
TBD911	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
TBD911	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TBD911	EU	63G-G2-TK	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TBD911	EU	63G-IFR-2S	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(iii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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)(3)(i) § 63.120(a)(3)(ii) § 63.120(a)(3)(iii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
TBD912	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
TBD912	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						requirements of this division.			
TBD912	EU	63G-G2-TK	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)
TBD912	EU	63G-IFR-2S	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(iii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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)(3)(i) § 63.120(a)(3)(ii) § 63.120(a)(3)(iii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
TBD913	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TBD913	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
					§ 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
TBD913	EU	63G-G2-TK	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)
TBD913	EU	63G-IFR-LM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(i) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
TC33001	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						psia is exempt from the requirements of this division.			
TC33002	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TC33005	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TF34001	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TF34002	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TOL301	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL304	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	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)
						psia is exempt from the requirements of this division.			
TOL400	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL401	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TOL600	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TOL901	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
TOL901	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL901	EU	MON-IFR-SF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
TOL901	EU	MON-IFR-SS	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	specified in §63.2470.			
TOL901	EU	63YY-DEFR	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
TOL902	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL902	EU	63YY-VFR	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
TOL903	EU	R5112-	VOC	30 TAC	§ 115.111(a)(1)	Except as provided in §	[G]§ 115.117	§ 115.118(a)(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)
		TVP		Chapter 115, Storage of VOCs		115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	
TOL903	EU	63YY-VFR	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
TOL904	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
TOL904	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL904	EU	61FF-IFR	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1)	As an alternative to the standards for tanks	§ 60.113b(a)(1) [G]§ 60.113b(a)(3)	§ 60.115b § 60.115b(a)(2)	§ 60.113b(a)(5) § 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)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	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)(4) § 60.113b(a)(5)	§ 61.356(k)	§ 60.115b(a)(1) § 60.115b(a)(4) § 61.357(e) § 61.357(f)
TOL904	EU	63YY-IFR	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
TOL905	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
TOL905	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(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)
				VOCs		vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
TOL905	EU	MON-IFR-SF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
TOL905	EU	MON-IFR-SS	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)				
TOL908	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL909	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL910	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL911	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(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)
					§ 115.114(a)(1)(A)	compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
TOL911	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL911	EU	MON-IFR-SF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
TOL911	EU	MON-IFR-	112(B)	40 CFR Part	§ 63.2470(a)-Table	For each Group 1 storage	§ 63.1063(c)(1)	§ 63.1063(e)(2)	§ 63.1066(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)
		SS	HAPS	63, Subpart FFFF	4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	[G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
TOL914	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL915	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL916	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						psia is exempt from the requirements of this division.			
TOL920	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
TOL920	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TOL920	EU	61FF-IFR2	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 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) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 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)
TOL920	EU	63YY-IFR	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
TR35020	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TTLOAD	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
TU30906	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TU30907	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TU30911	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						psia is exempt from the requirements of this division.			
TU30913	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TU30914	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TU30915	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TUT604	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TUT605	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TUT918	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
						psia is exempt from the requirements of this division.			
V337	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
V337	EP	63G-FLR2	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
V392	EP	R5121-2	VOC	30 TAC Chapter 115,	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile	[G]§ 115.125 § 115.126(2)	§ 115.126 § 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)
				Vent Gas Controls	§ 115.127(a)(2)	organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	§ 115.126(3)(B)	§ 115.126(3) § 115.126(3)(B)	
V392	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
V392	EP	63G-NOCRV2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(e) [G]§ 63.115(f)	The owner or operator of a Group 2 process vent with a TRE index > 4.0 shall maintain a TRE index value > 4.0, comply with the sections as specified.	[G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c) [G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) [G]§ 63.152(a)	§ 63.115(e)(2) [G]§ 63.118(g) [G]§ 63.118(h) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii)
V8204	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(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)
						24-hour period is exempt from §115.121(a)(1) of this title.			
V8204	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
V8204	EP	63G-NOCRV2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(e) [G]§ 63.115(f)	The owner or operator of a Group 2 process vent with a TRE index > 4.0 shall maintain a TRE index value > 4.0, comply with the sections as specified.	[G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c) [G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) [G]§ 63.152(a)	§ 63.115(e)(2) [G]§ 63.118(g) [G]§ 63.118(h) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii)
V8217	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	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)
V8217	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
V8302	EP	60NNN-BPH	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(a)	Affected facilities shall reduce TOC emissions by 98 weight-percent or to a concentration of 20ppmv, whichever is less stringent. Introduce the stream into the flame zone of a boiler/process heater.	§ 60.663(c) § 60.663(c)(1) § 60.663(c)(2) § 60.664(a) § 60.664(b) § 60.664(b)(1) § 60.664(b)(2) § 60.664(b)(3) [G]§ 60.664(b)(4)	§ 60.663(c)(1) § 60.663(c)(2) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(d)	§ 60.665(a) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(k) § 60.665(l) § 60.665(l)(1) § 60.665(l)(2)
V8310	EP	60NNN-BPH	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(a)	Affected facilities shall reduce TOC emissions by 98 weight-percent or to a concentration of 20ppmv, whichever is less stringent. Introduce the stream into the flame zone of a boiler/process heater.	§ 60.663(c) § 60.663(c)(1) § 60.663(c)(2) § 60.664(a) § 60.664(b) § 60.664(b)(1) § 60.664(b)(2) § 60.664(b)(3) [G]§ 60.664(b)(4)	§ 60.663(c)(1) § 60.663(c)(2) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(d)	§ 60.665(a) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(k) § 60.665(l) § 60.665(l)(1) § 60.665(l)(2)
V8321	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	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)
						title.			
V8321	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
V8321	EP	63G-NOCRV1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(f) [G]§ 63.115(f)	The owner or operator of a Group 2 process vent with a flow rate < than 0.005 standard m3/min shall maintain a flow rate less than 0.005 standard m3/min and comply with the sections as specified.	[G]§ 63.115(a) [G]§ 63.115(b) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	[G]§ 63.118(d) [G]§ 63.152(a)	§ 63.115(e)(2) § 63.117(c) [G]§ 63.118(g) [G]§ 63.118(i) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii) [G]§ 63.152(c)(6)
V8360	EP	R5121-CH1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(B)	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(ii) § 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)
						basis corrected to 3.0% oxygen for combustion devices).			
V8360	EP	R5121-OTH2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(B)	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
V8360	EP	60NNN-BPH	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(a)	Affected facilities shall reduce TOC emissions by 98 weight-percent or to a concentration of 20ppmv, whichever is less stringent. Introduce the stream into the flame zone of a boiler/process heater.	§ 60.663(c) § 60.663(c)(1) § 60.663(c)(2) § 60.664(a) § 60.664(b) § 60.664(b)(1) § 60.664(b)(2) § 60.664(b)(3) [G]§ 60.664(b)(4)	§ 60.663(c)(1) § 60.663(c)(2) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(d)	§ 60.665(a) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(k) § 60.665(l) § 60.665(l)(1) § 60.665(l)(2)
V8360	EP	63G-BPH1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.110(d)(5)(ii) § 60.662(c) § 63.110(d)(5)(ii)(D) [G]§ 63.115(f)	If the Group 2 process vent has a TRE value greater than or equal to 1 as determined by the procedures in 40 CFR part 60 subpart NNN, the process vent is required to comply only with §63.110(d)(5)(ii)(A)-(D).	[G]§ 60.664(e) § 60.664(f) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2) [G]§ 63.115(a) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	[G]§ 60.665(h)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7)
V8360	EP	63G-CAT2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.110(d)(5)(ii) § 60.662(c)	If the Group 2 process vent has a TRE value greater	[G]§ 60.664(e) § 60.664(f)	[G]§ 60.665(h)	§ 60.664(g)(1) § 60.665(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.110(d)(5)(ii)(D) [G]§ 63.115(f)	than or equal to 1 as determined by the procedures in 40 CFR part 60 subpart NNN, the process vent is required to comply only with §63.110(d)(5)(ii)(A)-(D).	§ 60.664(g) § 60.664(g)(1) § 60.664(g)(2) [G]§ 63.115(a) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)		§ 60.665(l)(7)
V87923	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
V87923	EP	63G-FLR1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 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]§ 63.152(c)(6)
V9300	EU	R5MAR-EXMT	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
V9300	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
VBD920	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VBD920	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	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)
VBD920	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
VBD921	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VBD921	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VBD921	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b)	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(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)
							** See Periodic Monitoring Summary		
VBD933	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VBD933	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VBD933	EU	63G-FLARE	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(2) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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(e)(1) § 63.120(e)(4) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 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) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
VBD933	EU	63G-G2-TK	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)
VBD934	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VBD934	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(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)
				VOCs		vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
VBD934	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
VBD990	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VBD990	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VBD990	EU	63G-FLARE	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(2)	The owner or operator who elects to use a closed vent system and control device	§ 63.120(e)(1) § 63.120(e)(4) [G]§ 63.172(f)(1)	§ 63.123(a) [G]§ 63.123(f)(2) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(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)
					§ 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	(defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5).	[G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.122(g)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
VBD990	EU	63G-G2-TK	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)
VBD993	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	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)
						compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
VBD993	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VBD993	EU	63G-FLARE	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(2) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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(e)(1) § 63.120(e)(4) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [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)
									§ 63.182(c)(4) [G]§ 63.182(d)
VBD993	EU	63G-G2-TK	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)
VBD994	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VBD994	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VBD994	EU	63G-FLARE	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(2) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4)	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	§ 63.120(e)(1) § 63.120(e)(4) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h)	§ 63.123(a) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.151(a)(7) [G]§ 63.151(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(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	§63.119(e)(1)-(5).	[G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
VBD994	EU	63G-G2-TK	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)
VC33034	EU	R5112-TVP2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
VIP901	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	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)
						at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
VIP901	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VIP901	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
VIP902	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	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)
						and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
VIP902	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VIP902	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
VIP904	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VIP904	EU	R5112-TVP	VOC	30 TAC Chapter 115,	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(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)
				Storage of VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(6)(A) § 115.118(a)(7)	
VIP904	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
VIP905	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VIP905	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VIP905	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(b) and equipped	§ 60.113b(d) § 60.116b(a)	§ 60.115b § 60.115b(d)(2)	§ 60.115b § 60.115b(d)(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)
					§ 60.18	with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.116b(a) § 60.116b(b)	§ 60.115b(d)(3)
VIP950	EU	R5112-FLARE	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VIP950	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
VIP950	EU	60Kb-FLR	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(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)
VP31142	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
VP31142	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
VUT109	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
VUT109	EP	R5121-OTH2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(B)	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
X303	EU	R5112-IFR	VOC	30 TAC Chapter 115,	§ 115.112(e)(1) § 115.112(e)(2)	No person shall place, store, or hold VOC in any storage	§ 115.114(a)(1) § 115.114(a)(1)(A)	§ 115.118(a)(3) § 115.118(a)(5)	§ 115.114(a)(1)(B) § 115.118(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)
				Storage of VOCs	§ 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	[G]§ 115.117	§ 115.118(a)(6)(C) § 115.118(a)(7)	
X303	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
X303	EU	63G-G2-TK	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)
X303	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v)	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) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(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)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)				[G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
X304	EU	R5112-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
X304	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
X304	EU	63G-G2-TK	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)
X304	EU	63G-IFR-MS	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1)	Tanks using a fixed roof and an internal floating roof	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a)	§ 63.120(a)(5) § 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) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) [G]§ 63.119(b)(5)(viii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)	(defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6).		§ 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
X308	EU	R5112-CATINC	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
X308	EU	R5112-TVP	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
X308	EU	63G-G2-	112(B)	40 CFR Part	§ 63.119(a)(3)	Group 2 tanks not using	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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	HAPS	63, Subpart G		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.			
X308	EU	63G-THERM	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 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) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) [G]§ 63.152(a) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 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)
									[G]§ 63.182(d)
X8529A	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A) § 60.18	Any vent gas streams affected by §115.121(a)(2) of this title must be controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
X8529A	EP	63G-FLR2	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
X8529B	EP	R5121-FLR1	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(a)(2) § 115.121(a)(2) § 115.122(a)(2)(A)	Any vent gas streams affected by §115.121(a)(2) of this title must be	[G]§ 115.125 § 115.126(1) § 115.126(1)(B)	§ 115.126 § 115.126(1) § 115.126(1)(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)
				Controls	§ 60.18	controlled properly with a control efficiency of at least 98% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(2) § 115.126(7)	§ 115.126(2)	
X8529B	EP	63G-FLR2	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Additional Monitoring Requirements

Periodic Monitoring Summary 419

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: D313	
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-VFR
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: D313	
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-VFR
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to maintain records of tank construction specification.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: F8300	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7HTR-1
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: n/a	
Deviation Limit: Carbon monoxide (CO) emissions must not exceed 400 ppmv at 3.0% O2.	
Periodic Monitoring Text: For boilers or process heaters with a heat input capacity of 10 MMBtu/hr. or greater, you must conduct a tune-up annually as specified in 40 CFR 63 Subpart DDDDD, §63.7540(a)(10)(i)-(vi) to demonstrate continuous compliance. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL601	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Visible emissions shall not exceed 30% opacity averaged over a six-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. However, if visible emissions are present during the observation, the permit holder shall either assume the visible emissions exceed the opacity limitations for the period observed and 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) 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL601	
Control Device ID No.: FOL601	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: FOL601	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7HTR-1
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: n/a	
Deviation Limit: Carbon monoxide (CO) emissions must not exceed 400 ppmv at 3.0% O2.	
Periodic Monitoring Text: For boilers or process heaters with a heat input capacity of 10 MMBtu/hr. or greater, you must conduct a tune-up annually as specified in 40 CFR 63 Subpart DDDDD, §63.7540(a)(10)(i)-(vi) to demonstrate continuous compliance. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL602	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Visible emissions shall not exceed 30% opacity averaged over a six-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. However, if visible emissions are present during the observation, the permit holder shall either assume the visible emissions exceed the opacity limitations for the period observed and 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) 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL602	
Control Device ID No.: FOL602	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: FOL602	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7HTR-1
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: n/a	
Deviation Limit: Carbon monoxide (CO) emissions must not exceed 400 ppmv at 3.0% O2.	
Periodic Monitoring Text: For boilers or process heaters with a heat input capacity of 10 MMBtu/hr. or greater, you must conduct a tune-up annually as specified in 40 CFR 63 Subpart DDDDD, §63.7540(a)(10)(i)-(vi) to demonstrate continuous compliance. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL603	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Visible emissions shall not exceed 30% opacity averaged over a six-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. However, if visible emissions are present during the observation, the permit holder shall either assume the visible emissions exceed the opacity limitations for the period observed and 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) 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL603	
Control Device ID No.: FOL603	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: FOL603	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7HTR-1
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: n/a	
Deviation Limit: Carbon monoxide (CO) emissions must not exceed 400 ppmv at 3.0% O2.	
Periodic Monitoring Text: For boilers or process heaters with a heat input capacity of 10 MMBtu/hr. or greater, you must conduct a tune-up annually as specified in 40 CFR 63 Subpart DDDDD, §63.7540(a)(10)(i)-(vi) to demonstrate continuous compliance. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL604	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Visible emissions shall not exceed 30% opacity averaged over a six-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. However, if visible emissions are present during the observation, the permit holder shall either assume the visible emissions exceed the opacity limitations for the period observed and 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) 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FOL604	
Control Device ID No.: FOL604	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: FOL604	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7HTR-1
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: n/a	
Deviation Limit: Carbon monoxide (CO) emissions must not exceed 400 ppmv at 3.0% O2.	
Periodic Monitoring Text: For boilers or process heaters with a heat input capacity of 10 MMBtu/hr. or greater, you must conduct a tune-up annually as specified in 40 CFR 63 Subpart DDDDD, §63.7540(a)(10)(i)-(vi) to demonstrate continuous compliance. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFURN1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Visible emissions shall not exceed 30% opacity averaged over a six-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. However, if visible emissions are present during the observation, the permit holder shall either assume the visible emissions exceed the opacity limitations for the period observed and 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) 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFURN1	
Control Device ID No.: FOL700	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FOL710	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: GRPFURN2	
Control Device ID No.: F931140	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FP31050	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FP31060	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FP31070	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FP31080	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FP31120	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: GRPFURN3	
Control Device ID No.: FP31090	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FP31100	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: GRPFURN4	
Control Device ID No.: FP31110	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: FP31130	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: H1300	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Visible emissions shall not exceed 30% opacity averaged over a six-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. However, if visible emissions are present during the observation, the permit holder shall either assume the visible emissions exceed the opacity limitations for the period observed and 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) 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: H1300	
Control Device ID No.: H1300	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: H1300	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7HTR-2
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Carbon monoxide (CO) emissions must not exceed 400 ppmv at 3.0% O2.	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide, and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: H87920	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2-BOILER
Pollutant: SO_2	Main Standard: § 112.9(c)
Monitoring Information	
Indicator: Sulfur Content of Fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: n/a	
Deviation Limit: Sulfur content of liquid fuel exceeds 0.3 weight percent averaged over 3 hours. Any data above 0.3 weight percent, averaged over 3 hours, shall be considered and reported as a deviation.	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel. Any monitoring data above the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: H87920	
Control Device ID No.: H87920	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: H902	
Control Device ID No.: H902	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-OTH
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: OP2ACMAP	
Control Device ID No.: OP2ACMAP	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-OTH1
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: V8360	
Control Device ID No.: F8300	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-OTH2
Pollutant: VOC	Main Standard: § 115.122(a)(2)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.: VBD920	
Control Device ID No.: VBD920	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VBD921	
Control Device ID No.: VBD921	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VBD934	
Control Device ID No.: VBD934	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VIP901	
Control Device ID No.: VIP901	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VIP902	
Control Device ID No.: VIP902	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VIP904	
Control Device ID No.: VIP904	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VIP905	
Control Device ID No.: VIP905	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VIP950	
Control Device ID No.: VIP950	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-FLR
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration or Inspection	
Minimum Frequency: VOC Concentration = once per year, Inspection = once per month	
Averaging Period: N/A	
Deviation Limit: A VOC concentration deviation shall be reported if an instrument reading is greater than or equal to 500 ppmv above background and is not tagged and replaced or repaired with a first attempt made within 5 days and an effective repair made no later than 15 days after the leak is found. An inspection deviation shall be reported if inspections are not conducted or if repairs are not attempted within 5 days and an effective repair made no later than 15 days after the defect is found.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with 40 CFR Part 60, Appendix A, Method 21. Any leaks detected in the vapor collection system as indicated by an instrument reading greater than 500 ppm above background shall be repaired as soon as practicable but no later than 15 calendar days after the leak is detected. Failure to conduct the fugitive emissions measurement or failure to complete necessary repairs shall be considered and reported as a deviation or conduct a visual, audible, and/or olfactory inspection for all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions. If defects in the vapor collection system are detected, the permit holder shall conduct necessary repairs as soon as practical but no later than 15 calendar days after the defects are detected. Failure to conduct visible inspections or failure to complete necessary repairs shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VP31142	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Visible emissions shall not exceed 30% opacity averaged over a six-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. However, if visible emissions are present during the observation, the permit holder shall either assume the visible emissions exceed the opacity limitations for the period observed and 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) 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VUT109	
Control Device ID No.: VUT109	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-OTH2
Pollutant: VOC	Main Standard: § 115.122(a)(2)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to monitor and record during periods of operation.	
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.	

Permit Shield

Permit Shield **458**

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		
A1333	N/A	30 TAC Chapter 117, Commercial	Flares are exempted from the provisions of this division.
AP18	N/A	40 CFR Part 60, Subpart Kb	Shell is electing to comply with the requirements for Group 1 storage tanks in 40 CFR 63, Subpart FFFF.
AP19R1	N/A	40 CFR Part 60, Subpart Kb	Shell is electing to comply with the requirements for Group 1 storage tanks in 40 CFR 63, Subpart FFFF.
BD3FLR	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
BD3FLRG	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
CIPXFLR	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
CIPXFLRG	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
CIPXFLRG	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
CPI	N/A	40 CFR Part 60, Subpart VV	Facility does not control air emissions from oil-water and organic-water separator for which another subpart of 40 CFR Parts 60, 61, or 63 references.
CWT13	N/A	30 TAC Chapter 115, HRVOC Cooling Towers	The cooling tower does not have the potential to emit HRVOC.
CWT13	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals after 9/8/94.

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		
CWT18	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals after 9/8/94.
CWT1D	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals after 9/8/94.
CWT3	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals after 9/8/94.
CWT9	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals after 9/8/94.
D306	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D307	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D308	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D313	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
D313	N/A	40 CFR Part 63, Subpart F	Does not meet the definition of a storage vessels because the capacity of the tank is less than 10,000 gallons
D342	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

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		
D345	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D350	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D351	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D352	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D353	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D353	N/A	40 CFR Part 61, Subpart Y	Tank does not store product benzene.
D353	N/A	40 CFR Part 63, Subpart F	Tank is not part of a HON CMPU
D364	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D366	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D367	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D368	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
D368	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
D369	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D369	N/A	40 CFR Part 61, Subpart Y	Tank does not store product benzene.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
D369	N/A	40 CFR Part 63, Subpart F	Tank does not meet the definition of storage vessel because stored material is not a HAP.
D370	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D371	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D377	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D377	N/A	40 CFR Part 61, Subpart Y	Tank does not store product benzene
D377	N/A	40 CFR Part 63, Subpart CC	Storage tank is not associated with a petroleum refining process.
D379	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D379	N/A	40 CFR Part 61, Subpart Y	Tank does not store product benzene.
D379	N/A	40 CFR Part 63, Subpart CC	Storage tank is not associated with a petroleum refining process.
D380	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D381	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D382	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
D382	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
D390	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
D390	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
D390	N/A	40 CFR Part 63, Subpart F	Tank does not meet the definition of storage vessel because stored material is not a HAP.
D391	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
D391	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
D392	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D393	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D394	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D395	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D398	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D399	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
D400	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D401	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D402	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
D403	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
D8100	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
DIESEL TANK	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
EX63	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
EX64	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
EX65	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
EX66	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
EX67	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
EX67	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
EX67	N/A	40 CFR Part 63, Subpart F	Does not meet the definition of a storage vessel because tank does not store a HAP.
EX68	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
EX69	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
EX70	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
EX70	N/A	40 CFR Part 61, Subpart FF	Tank is not a waste treatment tank.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
EX76	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
EX77	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
EX80	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
F335	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
F335	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
F347	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
F350	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
F353	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
F353	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
F354	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
F354	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
F355	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
F356	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
F357	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
F358	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F359	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
F360	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
F361	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
G330	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
G331	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
G343	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
G344	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
G353	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
G354	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
GASOLINE TANK	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity less than 25,000 gallons located at motor vehicle fuel dispensing facility.
GASOLINE TANK	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction, or modification commenced prior to June 11, 1973.
GRPACMAP2	VOL410, VOL411, VOL412, VOL417, VOL418, VOL426	40 CFR Part 60, Subpart RRR	Construction, modification, or reconstruction commenced prior to June 29, 1990.
GRPACMAP3	VF34003, VF34004, VF34005, VF34009, VF34010, VF34011	40 CFR Part 60, Subpart RRR	Construction, modification, or reconstruction commenced prior to June 29, 1990.
GRPAPI	NAPI, SAPI	40 CFR Part 63, Subpart DD	Facility does not meet the definition of an offsite waste and recovery operation.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-EMACT-FE1	OL3FUG, OP2FUG	40 CFR Part 61, Subpart J	Equipment subject to the requirements of 40 CFR 63, Subpart YY which is also subject to the provisions of 40 CFR 61, Subpart J is required to comply only with the provisions of 40 CFR 63, Subpart YY.
GRP-EMACT-FE1	OL3FUG, OP2FUG	40 CFR Part 61, Subpart V	Equipment subject to the requirements of 40 CFR 63, Subpart YY which is also subject to the provisions of 40 CFR 61 Subpart V is required to comply only with the equipment leak requirements of 40 CFR 63, Subpart YY.
GRP-MON-FE	CIPXFUG, HT2FUG, IRUFUG	40 CFR Part 61, Subpart V	Equipment subject to the requirements of 40 CFR 63, Subpart FFFF which is also subject to the provisions of 40 CFR 61 are required to comply only with the provisions of 40 CFR 63, Subpart FFFF.
GRPFURN1	FOL700, FOL710	30 TAC Chapter 112, Sulfur Compounds	Furnace does not combust liquid fuel
GRPFURN1	FOL700, FOL710	40 CFR Part 63, Subpart DDDDD	Heater is an ethylene cracking furnace covered by 40 CFR Part 63.1103(e)(1)(G). Therefore, it is not subject to Subpart DDDDD.
GRPFURN1	FOL700, FOL710	40 CFR Part 63, Subpart EEE	Heater is not a hazardous waste combustor and therefore is not subject to 40 CFR 63 Subpart EEE.
GRPFURN2	FP31050, FP31060, FP31070, FP31080, FP31120, FP31140	30 TAC Chapter 112, Sulfur Compounds	Furnace does not combust liquid fuel.
GRPFURN2	FP31050, FP31060, FP31070, FP31080, FP31120, FP31140	40 CFR Part 63, Subpart DDDDD	Heater is an ethylene cracking furnace covered by 40 CFR Part 63.1103(e)(1)(G). Therefore, it is not subject to Subpart DDDDD.
GRPFURN2	FP31050, FP31060, FP31070, FP31080, FP31120, FP31140	40 CFR Part 63, Subpart EEE	Heater is not a hazardous waste combustor and therefore is not subject to 40 CFR 63 Subpart EEE.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRPFURN3	FP31090, FP31100	30 TAC Chapter 112, Sulfur Compounds	Furnace does not combust liquid fuel.
GRPFURN3	FP31090, FP31100	40 CFR Part 63, Subpart DDDDD	Heater is an ethylene cracking furnace covered by 40 CFR Part 63.1103(e)(1)(G). Therefore, it is not subject to Subpart DDDDD.
GRPFURN3	FP31090, FP31100	40 CFR Part 63, Subpart EEE	Heater is not a hazardous waste combustor and therefore is not subject to 40 CFR 63 Subpart EEE.
GRPFURN4	FP31110, FP31130	30 TAC Chapter 112, Sulfur Compounds	Furnace does not combust liquid fuel.
GRPFURN4	FP31110, FP31130	40 CFR Part 63, Subpart DDDDD	Heater is an ethylene cracking furnace covered by 40 CFR Part 63.1103(e)(1)(G). Therefore, it is not subject to Subpart DDDDD.
GRPFURN4	FP31110, FP31130	40 CFR Part 63, Subpart EEE	Heater is not a hazardous waste combustor and therefore is not subject to 40 CFR 63 Subpart EEE.
GRP-HON-FE	BD3FUG, CUMFE, FUGACU, FUGBEU, FUGBIFBOIL, FUGOXU, FUGPAU3, PAUFE, SITE3FE, WRACKFE	40 CFR Part 60, Subpart VV	Equipment subject to the requirements of 40 CFR 63, Subpart H which is also subject to the provisions of 40 CFR 60 is required to comply only with the provisions of 40 CFR 63, Subpart H.
GRP-HON-FE	BD3FUG, CUMFE, FUGACU, FUGBEU, FUGBIFBOIL, FUGOXU, FUGPAU3, PAUFE, SITE3FE, WRACKFE	40 CFR Part 61, Subpart J	Equipment subject to the requirements of 40 CFR 63, Subpart H which is also subject to the provisions of 40 CFR 61 is required to comply only with the provisions of 40 CFR 63, Subpart H.
GRP-HON-FE	BD3FUG, CUMFE, FUGACU, FUGBEU, FUGBIFBOIL, FUGOXU, FUGPAU3, PAUFE, SITE3FE, WRACKFE	40 CFR Part 61, Subpart V	Equipment subject to the requirements of 40 CFR 63, Subpart H which is also subject to the provisions of 40 CFR 61 is required to comply only with the provisions of 40 CFR 63, Subpart H.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRPPAUPV4	V8200, V8201, V8202, V8203	40 CFR Part 60, Subpart III	Compliance with the provisions of 40 CFR 63, Subpart G shall be deemed to constitute compliance with 40 CFR 60, Subpart III, as applicable.
H1300	N/A	30 TAC Chapter 112, Sulfur Compounds	Furnace does not combust liquid fuel.
H87920	N/A	40 CFR Part 63, Subpart DDDDD	Boiler is an affected source under 40 CFR Part 63 Subpart EEE. Therefore, it is not subject to Subpart DDDDD.
H902	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit is not a liquid fuel-fired steam generator, furnace or heater.
HT2FLR	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
HT2FLR	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
HT2FLRG	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
HT2FLRG	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
HT3FLR	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
HT3FLR	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
HT3FLRG	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
HT3FLRG	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
IRUFLR	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
IRUFLRG	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
J313	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
J314	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
K306	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
K307	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
L306	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
L308	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
L332	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
L333	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
NTFFLR	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
NTFFLR	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
NTFFLRG	N/A	40 CFR Part 60, Subpart NNN	Vent is not from a facility that produces any chemicals as a product, co-product, by-product, or intermediate from a SOCMI distillation operation.
NTFFLRG	N/A	40 CFR Part 63, Subpart F	Vent is not part of a CMPU.
OP2	N/A	40 CFR Part 63, Subpart FFFF	Cooling water tower is a heat exchange system that is subject to 40 CFR 63, Subpart YY.
OP2	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals after 9/8/94.
OP2ELFLA	N/A	30 TAC Chapter 117, Commercial	Flares are exempted from the provisions of this division.
OP3CWT	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals after 9/8/94.
OP3ELFLA	N/A	30 TAC Chapter 112, Sulfur Compounds	Flare does not combust liquid fuel.
OP3GRFLA	N/A	30 TAC Chapter 112, Sulfur Compounds	Flare does not combust liquid fuel.
PY3FUG	N/A	40 CFR Part 60, Subpart VV	The facility does not produce as an intermediate or final product, one or more of the SOCMI chemicals.
S303A	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
S303A	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
S332	N/A	30 TAC Chapter 115, Storage of VOCs	The tank is complying with the wastewater provisions of 30 TAC Chapter 115.
S332	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
S390	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
S391	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
S392	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
S400	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T1301	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T1302	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T1310	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T1318	N/A	30 TAC Chapter 115, Storage of VOCs	The tank is complying with the wastewater provisions of 30 TAC Chapter 115.
T1318	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T1319	N/A	30 TAC Chapter 115, Storage of VOCs	The tank is complying with the wastewater provisions of 30 TAC Chapter 115.
T1319	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
T1320	N/A	30 TAC Chapter 115, Storage of VOCs	The tank is complying with the wastewater provisions of 30 TAC Chapter 115.
T1320	N/A	40 CFR Part 60, Subpart Kb	Tank capacity less than 75 cubic meters.
T1331	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T1332	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T1333	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T1334	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T140B	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T140B	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T182	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T182	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T19054	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T19054	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T2800	N/A	30 TAC Chapter 115, Storage of VOCs	The tank is complying with the wastewater provisions of 30 TAC Chapter 115.
T2800	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T317	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T3272	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T3272	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.

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		
T331	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T665A	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T665A	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T666R1	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T666R1	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T667	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T667	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T738	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T738	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T739	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T739	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T74B	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T770	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T770	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T87000	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T87001	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.

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		
T87001	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T87003	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T87004	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
T87005	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T87007	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T87100	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
T87300	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T87301	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T87301	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T87302	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T87302	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
T87400	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

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		
T87401	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
T87500	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
T87920	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
T87920	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
TB3301R1	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TB3501	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TB3501	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TBD101	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TBD101	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TBD102	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TBD102	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TBD301	N/A	40 CFR Part 60, Subpart Kb	Shell is electing to comply with the requirements for Group 1 storage tanks in 40 CFR 63, Subpart FFFF.
TBD910	N/A	40 CFR Part 60, Subpart Kb	Shell is electing to comply with the requirements for Group 1 storage tanks in 40 CFR 63, Subpart FFFF.
TBD911	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
TBD912	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
TBD913	N/A	40 CFR Part 60, Subpart Kb	Tank complying 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		
TC33001	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TC33002	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TC33003	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TC33003	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
TC33004	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TC33004	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
TC33005	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TC33007	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TC33007	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TF34001	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TF34002	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TOL301	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL302	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TOL303	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TOL303	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TOL304	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 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		
TOL305	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TOL305	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TOL3070	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TOL3070	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TOL400	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL401	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TOL600	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TOL901	N/A	40 CFR Part 60, Subpart Kb	Shell is electing to comply with the requirements for Group 1 storage tanks in 40 CFR 63, Subpart FFFF.
TOL902	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL903	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL904	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT YY.
TOL905	N/A	40 CFR Part 60, Subpart Kb	Shell is electing to comply with the requirements for Group 1 storage tanks in 40 CFR 63, Subpart FFFF.
TOL908	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

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		
TOL909	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL910	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL911	N/A	40 CFR Part 60, Subpart Kb	Shell is electing to comply with the requirements for Group 1 storage tanks in 40 CFR 63, Subpart FFFF.
TOL914	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL915	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL916	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TOL920	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT YY.
TR35020	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TU30900	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TU30900	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
TU30901	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
TU30901	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
TU30906	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 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		
TU30907	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TU30911	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TU30912	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TU30913	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TU30914	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TU30915	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TUT604	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
TUT605	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 75 m3 but less than 151 m3 storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
TUT918	N/A	40 CFR Part 60, Subpart Kb	Storage vessel with a capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
V392	N/A	40 CFR Part 60, Subpart NNN	Construction, modification, or reconstruction commenced prior to December 30, 1983.
V8204	N/A	40 CFR Part 60, Subpart NNN	Construction, modification, or reconstruction commenced prior to December 30, 1983.
V8217	N/A	40 CFR Part 63, Subpart F	Tank does not meet definition of storage vessel because material stored is not a HAP.

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		
V8321	N/A	40 CFR Part 60, Subpart NNN	Construction, modification, or reconstruction commenced prior to December 30, 1983.
V87923	N/A	40 CFR Part 60, Subpart RRR	Compliance with the provisions of 40 CFR 63, Subpart G shall be deemed to constitute compliance with 40 CFR 60, Subpart RRR, as applicable.
VBD933	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
VBD990	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
VBD993	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
VBD994	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
VC33034	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
VP31158	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not used to store volatile organic compounds.
VP31158	N/A	40 CFR Part 60, Subpart Kb	Tank is not used to store volatile organic liquids.
X303	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
X304	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.
X308	N/A	40 CFR Part 60, Subpart Kb	Tank complying with MACT G.

New Source Review Authorization References

New Source Review Authorization References 482

New Source Review Authorization References by Emission Unit 484

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.: PSDTX896	Issuance Date: 02/14/2020
PSD Permit No.: PSDTX928	Issuance Date: 01/08/2021
PSD Permit No.: PSDTX974	Issuance Date: 03/12/2021
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.: 18576	Issuance Date: 03/12/2021
Authorization No.: 21262	Issuance Date: 01/08/2021
Authorization No.: 2597	Issuance Date: 12/30/2020
Authorization No.: 3178	Issuance Date: 01/27/2016
Authorization No.: 3179	Issuance Date: 03/12/2021
Authorization No.: 3214	Issuance Date: 03/12/2021
Authorization No.: 3215	Issuance Date: 10/20/2015
Authorization No.: 3216	Issuance Date: 07/19/2016
Authorization No.: 3217	Issuance Date: 02/16/2018
Authorization No.: 3218	Issuance Date: 03/27/2017
Authorization No.: 3219	Issuance Date: 03/12/2021
Authorization No.: 37206	Issuance Date: 02/14/2020
Authorization No.: 3985A	Issuance Date: 08/02/2016
Authorization No.: 48912	Issuance Date: 02/05/2016
Authorization No.: 56476	Issuance Date: 03/12/2021
Authorization No.: 56496	Issuance Date: 09/16/2016
Authorization No.: 9334	Issuance Date: 03/12/2021
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

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.

Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum
Permit No.: HW50099001

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**
A1304	PRIMARY CLARIFIERS	48912
A13113	PRIMARY CLARIFIERS	48912
A1315	BIOSOLIDS TANK	48912
A1333	FLARE	3179
ACNLOAD	LOADING RACK	106.262/09/04/2000 [50423]
ACUDCN	ACU UNIT DECONTAMINATION	9334
ACUMSSFUG	ACU MSS STREAM FUGITIVE	9334
ACUPMPDCN	ACU PUMP DECONTAMINATION	9334
ACUSAMPL	ACU SAMPLE LOADING EMISSIONS	9334
AERAT	WASTEWATER TREATMENT	48912, 106.261/11/01/2003 [146255], 106.262/11/01/2003 [146255]
AP18	STORAGE TANK AP18	3214
AP19R1	STORAGE TANK AP19R1	3214
AU602	WATER SEPARATOR	3218
BD3DCN	BD3 UNIT DECONTAMINATION	3218
BD3FLRG	VENT	3219, PSDTX974
BD3FLR	VENT	3219, PSDTX974
BD3FUG	FUGITIVES	3217
BD3MSSFUG	BD3 MSS STREAM FUGITIVE EMISSIONS	3218
BD3PMPDCN	BD3 PUMP DECONTAMINATION	3218
BD3SAMPL	BD3 EMISSIONS FROM LOADING SAMPLE	3218
BEUDCN	BEU UNIT DECONTAMINATION	9334

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**
BEUMSSFUG	BEU MSS STREAM FUGITIVE	9334
BEUPMPDCN	BEU PUMP DECONTAMINATION	9334
BEUSAMPL	BEU SAMPLE LOADING EMISSIONS	9334
CIPX	CIPX UNIT	3218
CIPXDCN	CIPX UNIT DECONTAMINATION	3218
CIPXFLRG	VENT	3219, PSDTX974
CIPXFLR	VENT	3219, PSDTX974
CIPXFUG	FUGITIVES	3218, 106.261/11/01/2003 [164517]
CIPXMSSFUG	CIPX MSS STREAM FUGITIVE EMISSIONS	3218
CIPXPMPDCN	CIPX PUMP DECONTAMINATION	3218
CIPXSAMPL	CIPX EMISSIONS FROM LOADING SAMPLE	3218
CPI	WATER SEPARATOR	3179
CUMFE	FUGITIVES	3179
CUMSD	CUMENE UNIT SHUTDOWN/DECONTAMINATION	3179
CWT13	COOLING TOWER	3179
CWT18	COOLING TOWER	3179
CWT1D	COOLING TOWER	3179
CWT3	COOLING TOWER	3179
CWT9	COOLING TOWER	21262, PSDTX928
D306	STORAGE TANK D306	3179
D307	STORAGE TANK D307	3179

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**
D308	STORAGE TANK D308	3179
D313	STORAGE TANK D313	3179
D342	STORAGE TANK D342	3179
D345	STORAGE TANK D345	3179
D350	STORAGE TANK D350	9334, 106.262/11/01/2003 [102096]
D351	STORAGE TANK D351	9334
D352	STORAGE TANK D352	9334
D353	STORAGE TANK D353	9334
D364	STORAGE TANK D364	9334
D366	STORAGE TANK D366	9334
D367	STORAGE TANK D367	9334
D368	STORAGE TANK D368	106.472/09/04/2000
D369	STORAGE TANK D369	3178
D370	STORAGE TANK D370	9334
D371	STORAGE TANK D371	9334
D377	STORAGE TANK D377	9334
D379	STORAGE TANK D379	9334
D380	STORAGE TANK D380	9334
D381	STORAGE TANK D381	9334
D382	STORAGE TANK D382	106.472/09/04/2000
D390	STORAGE TANK D390	3179

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**
D391	STORAGE TANK D391	3179
D392	STORAGE TANK D392	3179
D393	STORAGE TANK D393	3179
D394	STORAGE TANK D394	3179
D395	STORAGE TANK D395	3179
D398	STORAGE TANK D398	3179
D399	STORAGE TANK D399	3179
D400	STORAGE TANK D400	3179
D401	STORAGE TANK D401	3179
D402	STORAGE TANK D402	3179
D403	STORAGE TANK D403	3179
D8100	STORAGE TANK D8100	3179
DIESEL TANK	STORAGE TANK DIESEL TANK	106.472/09/04/2000, 106.473/09/04/2000
DISTRBOX	DISTRIBUTION BOX	48912
DSTDCN	VESSEL SHUTDOWN AND DEGASSING	3179
DSTMSSFUG	DISTRIBUTION MSS STREAM FUGITIVE	3179
DSTPMPDCN	DISTRIBUTION PUMP DECONTAMINATION	3179
DSTSAMPL	DISTRIBUTION SAMPLE EMISSIONS	3179
E8256	E8256	3179
E-87100	PROCESS VENT	3179
E-87109	PROCESS VENT	3179

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**
ENVSOFLR	FUGITIVES	48912
EX63	STORAGE TANK EX63	3179
EX64	STORAGE TANK EX64	3179
EX65	STORAGE TANK EX65	3179
EX66	STORAGE TANK EX66	3179
EX67	STORAGE TANK EX67	3179
EX68	STORAGE TANK EX68	3179
EX69	STORAGE TANK EX69	3179
EX70	STORAGE TANK EX70	3179
EX76	STORAGE TANK EX76	3179
EX77	STORAGE TANK EX77	3179
EX80	STORAGE TANK EX80	3179
F335	STORAGE TANK F335	3179
F347	STORAGE TANK F347	9334, 106.261/11/01/2003 [164630]
F350	STORAGE TANK F350	9334
F353	STORAGE TANK F353	106.263/11/01/2001, 106.478/09/04/2000
F354	STORAGE TANK F354	3179
F355	STORAGE TANK F355	9334
F356	STORAGE TANK F356	3178
F357	STORAGE TANK F357	9334
F358	STORAGE TANK F358	9334

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**
F359	STORAGE TANK F359	9334
F360	STORAGE TANK F360	9334
F361	STORAGE TANK F361	9334
F8300	FURNACE	3179
FLACU	PROCESS VENT	9334
FLBEU	PROCESS VENT	3178
FLOXU	PROCESS VENT	9334
FLPAP	PROCESS VENT	3179
FLRPURGE	PROCESS VENT	3219, PSDTX974
FLRPURGG	PROCESS VENT	3219, PSDTX974
FOL601	GAS OIL STABILIZER REBOILER	3216
FOL602	STAGE 3 PREHEATER FURNACE	3216
FOL603	HYDROGEN PREHEAT FURNACE	3216
FOL604	GASOLINE STABILIZER REBOILER	3216
FOL700	PYROLYSIS FURNACE	56496, 106.261/11/01/2003 [141452], 106.262/11/01/2003 [141452]
FOL710	PYROLYSIS FURNACE	56496, 106.261/11/01/2003 [141452], 106.262/11/01/2003 [141452]
FP31050	PROCESS HEATER	3214
FP31060	PROCESS HEATER	3214
FP31070	PROCESS HEATER	3214
FP31080	PROCESS HEATER	3214

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**
FP31090	PROCESS HEATER	3214
FP31100	PROCESS HEATER	3214
FP31110	PROCESS HEATER	3214
FP31120	PROCESS HEATER	3214
FP31130	PROCESS HEATER	3214
FP31140	PROCESS HEATER	3214
FUGACU	FUGITIVES	9334
FUGBEU	FUGITIVES	3178
FUGBIFBOIL	FUGITIVES	37206, PSDTX896
FUGOXU	FUGITIVES	9334, 106.261/11/01/2003 [98473], 106.262/11/01/2003 [98473]
FUGPAU3	FUGITIVES	3179, 106.261/11/01/2003 [152159]
G330	STORAGE TANK G330	3179
G331	STORAGE TANK G331	3179
G343	STORAGE TANK G343	9334, 106.261/11/01/2003 [164630]
G344	STORAGE TANK G344	9334
G353	STORAGE TANK G353	9334, 106.262/11/01/2003 [96915], 106.478/09/04/2000
G354	STORAGE TANK G354	9334, 106.261/11/01/2003 [96915], 106.262/11/01/2003 [96915]
GASOLINE TANK	STORAGE TANK GASOLINE TANK	106.472/09/04/2000, 106.473/09/04/2000
H1300	OXU FURNACE	9334

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**
H87002	THERMAL OXIDIZER	3179
H87920	BOILER	37206, PSDTX896
H902	PROCESS HEATER	9334
H9200	INCINERATOR	3179
HT2DCN	HT2 UNIT DECONTAMINATION	3218
HT2FLRG	VENT	3216
HT2FLR	VENT	3216
HT2FUG	FUGITIVES	3216
HT2MSSFUG	HT2 MSS STREAM FUGITIVE EMISSIONS	3218
HT2PMPDCN	HT2 PUMP DECONTAMINATION	3218
HT2SAMPL	HT2 EMISSIONS FROM LOADING SAMPLE	3218
HT3DCN	HT3 UNIT DECONTAMINATION	3218
HT3FLRG	VENT	3215
HT3FLR	VENT	3215
HT3FUG	FUGITIVES	3215, 106.261/11/01/2003 [164517]
HT3MSSFUG	HT3 MSS STREAM FUGITIVE EMISSIONS	3218
HT3PMPDCN	HT3 PUMP DECONTAMINATION	3218
HT3SAMPL	HT3 EMISSIONS FROM LOADING SAMPLE	3218
HTII	HT1 AND 2 UNITS	3216
IRUDCN	IRU UNIT DECONTAMINATION	3218
IRUFLRG	VENT	18576

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**
IRUFLR	VENT	18576
IRUFUG	FUGITIVES	18576
IRU	IRU UNIT	18576
IRUMSSFUG	IRU MSS STREAM FUGITIVE EMISSIONS	3218
IRUPMPDCN	IRU PUMP DECONTAMINATION	3218
IRUSAMPL	IRU EMISSIONS FROM LOADING SAMPLE	3218
J313	STORAGE TANK J313	9334
J314	STORAGE TANK J314	9334
K306	STORAGE TANK K306	3219, PSDTX974
K307	STORAGE TANK K307	3219, PSDTX974
L306	STORAGE TANK L306	9334
L308	STORAGE TANK L308	9334
L332	STORAGE TANK L332	9334
L333	STORAGE TANK L333	9334
LDLSDMK	ACETONE LAND LOADING LOSSES	3179
LO2FLRG	PROCESS VENT	3219, PSDTX974
LO2FLR	PROCESS VENT	3219, PSDTX974
LO3CPI	WATER SEPARATOR	3214
LPGFL	PROCESS VENT	3179
MSSTNKLAND	DPCP FLOATING ROOF TANK LANDINGS	2597
NAPI	OIL-WATER SEPARATOR	48912

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**
NEUT1	NEUTRALIZATION	48912
NEUT2	NEUTRALIZATION	48912
NEUT3	NEUTRALIZATION	48912
NEUT4	NEUTRALIZATION	48912
NTFFLRG	VENT	18576
NTFFLR	VENT	18576
NTFFUG	NTFFUG	3217, 18576, 106.262/11/01/2003 [155050]
OFGRFUG	FUGITIVES	3219, PSDTX974
OL3FUG	FUGITIVES INCLUDING FUGITIVES FOR FTOL911	3214, 106.261/11/01/2003 [154738], 106.262/11/01/2003 [154738], 106.476/09/04/2000 [154738]
OP2ACMAP	AC/MAP CONVERTER	3219, PSDTX974
OP2	COOLING WATER TOWER	3219, PSDTX974
OP2DCN	OP2 UNIT DECONTAMINATION	3219, PSDTX974
OP2DIST	PROCESS VENT	3218, 3219, PSDTX974
OP2ELFLA	FLARE STACK	3219, PSDTX974
OP2FLRG	PROCESS VENT	3219, PSDTX974
OP2FLR	PROCESS VENT	3219, PSDTX974
OP2FUG	FUGITIVE EMISSIONS	3219, PSDTX974
OP2MSSFUG	OP2 MSS STREAM FUGITIVE	3219, PSDTX974
OP2PMPDCN	OP2 PUMP DECONTAMINATION	3219, PSDTX974
OP2SAMPL	OP2 SAMPLE LOADING EMISSIONS	3219, PSDTX974

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**
OP3CWT	COOLING WATER TOWER	3214
OP3DCN	OPE UNIT DECONTAMINATION	3219, PSDTX974, 106.263/11/01/2001 [139433]
OP3ELFLA	FLARE STACK	3219, PSDTX974
OP3GRFLA	FLARE STACK	3219, PSDTX974
OP3MSSFUG	OP3MSS STREAM FUGITIVE	3219, PSDTX974
OP3PMPDCN	OP3 PUMP DECONTAMINATION	3219, PSDTX974
OP3SAMPL	OPE SAMPLE LOADING EMISSIONS	3219, PSDTX974
P1309S	SUMP PUMP	48912
P87921	ENGINE P87921	3179
PAU2SD	PHENOL-2 UNIT SHUTDOWN/DECONTAMINATION	3179
PAU3SD	PHENOL-3 UNIT SHUTDOWN/DECONTAMINATION	3179
PAUFE	FUGITIVES	3179
PAUMSSFUG	PAU MSS STREAM FUGITIVE EMISSIONS	3179
PAUPMPDCN	PAU PUMP DECONTAMINATION	3179
PAUSAMPL	PAU EMISSIONS FROM LOADING SAMPLE	3179
PROAERAT	TREATMENT PROCESS	48912
PROAROM	AROMATICS PROCESS UNIT	9334
PROBD3	BDIII PROCESS UNIT	3217
PRODIST	PROCESS	3985A
PROPAU	PAU PROCESS UNIT	3179
PY3FLRG	PROCESS VENT	3219, PSDTX974

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**
PY3FLR	PROCESS VENT	3219, PSDTX974
PY3FUG	FUGITIVE EMISSIONS	3214
S13141	BELT FILTER PRESSES	48912
S13142	BELT FILTER PRESSES	48912
S13143	BELT FILTER PRESSES	48912
S303A	STORAGE TANK S303A	3179
S332	STORAGE TANK S332	106.472/09/04/2000
S390	STORAGE TANK 390	9334, 106.261/11/01/2003 [109247]
S391	STORAGE TANK S391	9334, 106.261/11/01/2003 [109247]
S392	STORAGE TANK S392	9334, 106.261/11/01/2003 [109247]
S400	STORAGE TANK S400	9334, 106.261/11/01/2003 [109247]
SAPI	OIL WATER SEPARATOR	48912
SCRWRTC	RAIL CAR LOADING SCRUBBER	3179, 3985A
SCRWRTT	TANK TRUCK LOADING SCRUBBER	3179, 3985A
SETENT	SET WASTEWATER TREATMENT ENTRANCE	48912
SETMSSFUG	STE MSS STREAM FUGITIVE EMISSIONS	48912
SETPMPDCN	SET PUMP DECONTAMINATION	48912
SETSAMPL	SET EMISSIONS FRON LOADING SAMPLE	48912
SITE3FE	LOADING FUGITIVES	18576, 106.262/11/01/2003 [155050]
SITE3FL	PROCESS VENT	3179
SITE3TC	DISTRIBUTION LOADING	18576

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**
SITE3TT	DISTRIBUTION LOADING	18576
T1301	STORAGE TANK T1301	48912
T1302	STORAGE TANK T1302	48912
T1310	STORAGE TANK T1310	48912
T1318	STORAGE TANK T1318	48912
T1319	STORAGE TANK T1319	48912, 106.261/11/01/2003 [146255], 106.262/11/01/2003 [146255]
T1320	STORAGE TANK T1320	48912
T1331	STORAGE TANK T1331	48912
T1332	STORAGE TANK T1332	48912
T1333	STORAGE TANK T1333	48912
T1334	STORAGE TANK T1334	48912
T140B	STORAGE TANK T140B	106.478/09/04/2000
T182	STORAGE TANK T182	3179
T19054	STORAGE TANK T19054	48912
T2800	STORAGE TANK T2800	48912, 106.261/11/01/2003 [146255], 106.262/11/01/2003 [146255]
T317	STORAGE TANK T317	3179
T3272	STORAGE TANK T3272	48912
T331	STORAGE TANK T331	3219, PSDTX974
T665A	STORAGE TANK T665A	3179
T666R1	STORAGE TANK T666R1	106.478/09/04/2000

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**
T667	STORAGE TANK T667	106.472/09/04/2000
T738	STORAGE TANK T738	106.472/09/04/2000
T739	STORAGE TANK T739	106.472/09/04/2000
T74B	STORAGE TANK T74B	3985A
T770	STORAGE TANK 770	3179
T87000	STORAGE TANK T87000	3179
T87001	STORAGE TANK T87001	3179
T87003	STORAGE TANK T87003	3179
T87004	STORAGE TANK T87004	3179
T87005	STORAGE TANK T87005	3179
T87007	STORAGE TANK T87007	3179
T87100	STORAGE TANK T87100	3179
T87300	STORAGE TANK T87300	3179
T87301	STORAGE TANK	3179
T87302	STORAGE TANK	3179
T87400	STORAGE TANK T87400	3179
T87401	STORAGE TANK T87401	3179
T87500	STORAGE TANK T87500	3179
T87920	STORAGE TANK T87920	3179
TB3301R1	STORAGE TANK TB3301R1	3217
TB3501	STORAGE TANK TB3501	3217

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**
TBD101	STORAGE TANK TBD101	18576
TBD102	STORAGE TANK TBD102	18576
TBD301	STORAGE TANK TBD301	18576
TBD910	STORAGE TANK TBD910	18576
TBD911	STORAGE TANK TBD911	3217
TBD912	STORAGE TANK TBD912	3217
TBD913	STORAGE TANK TBD913	3217
TC33001	STORAGE TANK TC33001	3214
TC33002	STORAGE TANK TC33002	3214, 106.472/09/04/2000
TC33003	STORAGE TANK TC33003	3214
TC33004	STORAGE TANK TC33004	3214
TC33005	STORAGE TANK TC33005	3214
TC33007	STORAGE TANK TC33007	3214
TF34001	STORAGE TANK TF34001	3214
TF34002	STORAGE TANK TF34002	3214
TOL301	STORAGE TANK TOL301	56496
TOL302	STORAGE TANK TOL302	56496
TOL303	STORAGE TANK TOL303	56496
TOL304	STORAGE TANK TOL304	56496
TOL305	STORAGE TANK TOL305	56496
TOL3070	STORAGE TANK TOL3070	56496

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**
TOL400	STORAGE TANK TOL400	3219, PSDTX974
TOL401	STORAGE TANK TOL401	3219, PSDTX974
TOL600	STORAGE TANK TOL600	3216
TOL901	STORAGE TANK TOL901	3219, PSDTX974
TOL902	STORAGE TANK TOL902	3219, PSDTX974
TOL903	STORAGE TANK TOL903	3219, PSDTX974
TOL904	STORAGE TANK TOL904	3219, PSDTX974, 106.261/11/01/2003 [152387], 106.262/11/01/2003 [152387]
TOL905	STORAGE TANK TOL905	3216
TOL908	STORAGE TANK TOL908	3219, PSDTX974
TOL909	STORAGE TANK TOL909	3219, PSDTX974
TOL910	STORAGE TANK TOL910	3219, PSDTX974
TOL911	STORAGE TANK TOL911	2597
TOL914	STORAGE TANK TOL914	3219, PSDTX974
TOL915	STORAGE TANK TOL915	3214
TOL916	STORAGE TANK TOL916	3214
TOL920	STORAGE TANK TOL920	3214
TR35020	STORAGE TANK TOL35020	56496
TTLOAD	LOADING RACK	3179
TU30900	STORAGE TANK TU30900	56496
TU30901	STORAGE TANK TU30901	56496
TU30906	STORAGE TANK TU30906	3214

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**
TU30907	STORAGE TANK TU30907	3214
TU30911	STORAGE TANK TU30911	3214
TU30912	STORAGE TANK TU30912	3214
TU30913	STORAGE TANK TU30913	3214
TU30914	STORAGE TANK TU30914	3214
TU30915	STORAGE TANK TU30915	3214
TUT604	STORAGE TANK TU604	3218
TUT605	STORAGE TANK TUT605	3218
TUT918	STORAGE TANK TU918	3218
V337	PROCESS VENT	9334
V392	PROCESS VENT	106.261/11/01/2003 [112344], 106.262/11/01/2003 [112344]
V8200	PROCESS VENT	3179
V8201	PROCESS VENT	3179
V8202	PROCESS VENT	3179
V8203	PROCESS VENT	3179
V8204	PROCESS VENT	3179
V8207	PROCESS VENT	3179
V8208	PROCESS VENT	3179
V8209	PROCESS VENT	3179
V8212	PROCESS VENT	3179
V8213	PROCESS VENT	3179

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**
V8217	PROCESS VENT	3179
V8219	PROCESS VENT	3179
V8222	PROCESS VENT	3179
V8223	PROCESS VENT	3179
V8224	PROCESS VENT	3179
V8228	PROCESS VENT	3179
V8231	PROCESS VENT	3179
V8302	PROCESS VENT	3179
V8305	PROCESS VENT	3179
V8306	PROCESS VENT	3179
V8307	PROCESS VENT	3179
V8309	PROCESS VENT	3179
V8310	PROCESS VENT	3179
V8319	PROCESS VENT	3179
V8321	PROCESS VENT	3179
V8333	PROCESS VENT	3179
V8342	VENT STREAM COLLECTION VESSEL	3179
V8360	PROCESS VENT	3179
V8362	PROCESS VENT	3179
V87003	THERMAL OXIDIZER MSS	3179
V87923	PROCESS VENT	3179

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**
V9300	RCLOAD	3179
VBD920	STORAGE TANK VBD920	3217
VBD921	STORAGE TANK VBD921	3217
VBD933	STORAGE VESSEL VBD933	3217
VBD934	STORAGE TANK VBD934	3217
VBD990	STORAGE VESSEL VBD990	3179
VBD993	STORAGE VESSEL VBD993	3179
VBD994	STORAGE VESSEL VBD994	3179
VC33034	STORAGE TANK VC33034	3214
VF34003	AC/MAP CONVERTER	3214
VF34004	AC/MAP CONVERTER	3214
VF34005	AC/MAP CONVERTER	3214
VF34009	AC/MAP CONVERTER	3214
VF34010	AC/MAP CONVERTER	3214
VF34011	AC/MAP CONVERTER	3214, PSDTX974
VIP901	STORAGE VESSEL VIP901	18576
VIP902	STORAGE VESSEL VIP902	3218
VIP904	STORAGE VESSEL VIP904	18576
VIP905	STORAGE VESSEL VIP905	18576
VIP950	STORAGE TANK VIP950	18576
VOL410	AC/MAP CONVERTER	3219, PSDTX974

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**
VOL411	AC/MAP CONVERTER	3219, PSDTX974
VOL412	AC/MAP CONVERTER	3219, PSDTX974
VOL417	AC/MAP CONVERTER	3219, PSDTX974
VOL418	AC/MAP CONVERTER	3219, PSDTX974
VOL426	AC/MAP CONVERTER	3219, PSDTX974
VP31142	FURNACE DECOKE VENT	3214
VP31158	STORAGE TANK VP31158	56496
VUT109	OLEFINS FUEL GAS	3214
WRACKFE	LOADING FUGITIVES	3179, 3985A
X303	STORAGE TANK X303	9334
X304	STORAGE TANK X304	9334
X308	STORAGE TANK X308	3179
X8529A	PROCESS VENT	3178
X8529B	PROCESS VENT	3178

** This column may include Permit by Rule (PBR) numbers and version dates, PBR or Standard Permit Registration numbers in brackets, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 505

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
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (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
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
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
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
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
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 507

Major NSR Summary Table

Permit Number: 37206 and PSDTX896			Issuance Date: 02/14/2020				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
H87920	Phenol/Acetone Plant Boiler	NO_x	34.44	123.62	6,8,14,16,17,25	5,16,17,23,24,25	16,17,25
		CO	32.00	93.82	6,7,8,14,16,18,19,21,26	5,16,18,23,24,26	16,26
		VOC	1.60	6.25	6,8,14,16	5,16,23,24	16
		SO_2	12.65	34.69	6,8,14,16,20	5,16,23,24,25	16,20,25
		PM (5)	12.28	48.00	2,6,8,14,16,26	2,5,16,23,24,25,26	16,25,26
		PM_{10} (5)	12.28	48.00	2,6,8,14,16,26	2,5,16,23,24,25,26	16,25,26
		$PM_{2.5}$ (5)	12.28	48.00	2,6,8,14,16,26	2,5,16,23,24,25,26	16,25,26
		PM (6)	65.00	---	2,6,8,14,16,26	2,5,16,23,24,25,26	16,25,26
		PM_{10} (6)	65.00	---	2,6,8,14,16,26	2,5,16,23,24,25,26	16,25,26
		$PM_{2.5}$ (6)	65.00	---	2,6,8,14,16,26	2,5,16,23,24,25,26	16,25,26
FUGBIFBOIL	Piping Fugitives (7)	VOC	0.18	0.8	22	22	

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
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
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Pounds per hour emission rate without soot blowing, annual emission rate includes soot blowing.

(6) Pound per hour emission rate during soot blowing.

(7) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Major NSR Summary Table

Permit Number: 3219 and PSDTX974			Issuance Date: 03/12/2021				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
K306	Pitch Storage Tank	VOC	10.80	4.60		12	
K307	Pitch Storage Tank	VOC	10.80	4.60		12	
OP2	Cooling Water Tower (5)	VOC	5.54	24.30	10	10	
		PM	16.01	35.07	11	11	
		PM_{10}	6.14	22.27			
		$PM_{2.5}$	0.03	0.08			
OP2ELFLA, OP3ELFLA, and OP3GRFLA	OP-2 Elevated Flare, OP-3 Elevated Flare, and OP-3 Ground Flare (7)	CO (6)	414.30	--	9, 14, 18	6, 9, 13, 14, 18	
		H2S	5.13	--			
		NOx	80.40	--			
		SO2	503.30	--			
		VOC	464.30	--			
OP2ELFLA, OP3ELFLA, and OP3GRFLA	OP-2 Elevated Flare, OP-3 Elevated Flare, and OP-3 Ground Flare (8)	CO	4075.22	--	9, 14, 18	6, 9, 13, 14, 18	
		NOx	791.08	--			
		VOC	3740.10	--			
OP2ELFLA, OP3ELFLA, and OP3GRFLA	OP-2 Elevated Flare, OP-3 Elevated Flare, and OP-3 Ground Flare (7) (8)	CO (6)	--	323.00	9, 14, 18	6, 9, 13, 14, 18	
		H2S	--	7.80			

Major NSR Summary Table

Permit Number: 3219 and PSDTX974			Issuance Date: 03/12/2021				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
		NOx	--	61.50			
		SO2	--	736.10			
		VOC	--	369.20			
T331	Blended Pitch Tank	VOC	10.80	4.60		12	
TOL400	Flush Oil Storage Tank	VOC	5.22	0.30		12, 19	
TOL401	Alcohol Storage Tank	VOC	15.98	0.14		12	
TOL901	Pyrolysis Gasoline Storage Tank	VOC	0.86	1.85	12	12	
TOL902	Gas Oil Storage Tank	VOC	74.80	25.10		12	
TOL903	Gas Oil Storage Tank	VOC	74.80	7.80		12	
TOL904	Recovered Oil Storage Tank	VOC	0.30	0.69	12	12	
TOL908	Pitch Storage Tank	VOC	2.45	3.40		12, 19	
TOL909	Gas Oil Storage Tank	VOC	1.17	1.20		12, 19	
TOL910	Gas Oil Storage Tank	VOC	0.14	0.10		12, 19	
TOL914	Pitch Storage Tank	VOC	6.40	32.25		12, 19	
VOL411/412	OP-2 AC/MAP Converter Regeneration Vent	CO	2.60	2.90		7	

Major NSR Summary Table

Permit Number: 3219 and PSDTX974			Issuance Date: 03/12/2021				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
OP2FUG	OP-2 Process Fugitives (5)	VOC	16.09	70.49	5, 16	5, 16	
		CO	0.10	0.43			
		H2S	0.01	0.06			
OP2DCN	OP-2 Unit Decontamination (8)	H2S	0.50	0.01	15	13, 14	
		VOC (9)	27.31	0.05			
		Benzene	0.95	0.01			
OP2MSSFUG	OP-2 Maintenance, Startup, and Shutdown (MSS) Stream Fugitive (5) (8)	VOC (9)	5.18	0.62	15	13, 14	
		Benzene	0.18	0.02			
OP2PMPDCN	OP-2 Equipment/Vessel Decontamination (8)	VOC (9)	15.00	0.08	15	13, 14	
		Benzene	0.52	0.01			
OP2SAMPL	OP-2 Sample Loading Emissions (8)	VOC (9)	0.09	0.02	15	13, 14	
		Benzene	0.01	0.01			
OP3DCN	OP-3 Unit Decontamination (8)	H2S	1.05	0.01	15	13, 14	
		VOC (9)	59.27	0.12			
		Benzene	2.39	0.01			
OP3MSSFUG	OP-3 MSS Stream Fugitive (5) (8)	VOC (9)	5.18	0.62	15	13, 14	

Major NSR Summary Table

Permit Number: 3219 and PSDTX974			Issuance Date: 03/12/2021				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
		Benzene	0.18	0.02			
OP3PMPDCN	OP-3 Equipment/Vessel Decontamination (8)	VOC (9)	15.00	0.08	15	13, 14	
		Benzene	0.52	0.01			
OP3SAMPL	OP-3 Sample Loading Emissions (8)	VOC (9)	0.09	0.02	15	13, 14	
		Benzene	0.01	0.01			
OFGRFUG	Fugitive Sources for Flare Gas Recovery System (5)	VOC	0.95	4.17	5, 16	5, 16	
		H2S	<0.01	<0.01			
		CO	<0.01	0.01			
OFGRDCN	Flare Gas Recovery System Decontamination (8)	VOC	0.44	<0.01	15	13, 14	
		H2S	0.02	<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) CO - carbon monoxide
H_2S - hydrogen sulfide
NO_x - total oxides of nitrogen
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
SO_2 - sulfur oxides
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission Point Nos. (EPNs) OP2, OP2MSSFUG, OP3MSSFUG, and OFGRFUG are subject to the following mandate: Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

EPN OP2FUG is subject to the following mandate: Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(6) PSDTX974 pollutant.

(7) Emissions from the combined EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA include routine emissions as well as maintenance, start-up, and shutdown (MSS) emissions authorized on December 21, 2007.

(8) MSS emissions authorized in the renewal applicant, Form PI-1R, dated November 27, 2017, and the amendment application, Form PI-1, dated July 24, 2018.

(9) The VOC rates include the benzene emission rates which follow.

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
H600	FCCU CO Boiler	CO	346.20	1381.92	2,4,6,7,8,29,58	2,4,6,7,8,30,31,58	2,4,7,8,31
		NOx	56.88	124.56	7,8,29,34	7,8,30,31,34	7,8,31
		PM	66.00	289.08	2,4,6,29	2,4,6,30,31	2,4,31
		PM10	66.00	289.08	2,4,6,29	2,4,6,30,31	2,4,31
		PM2.5	66.00	289.08	2,4,6,29	2,4,6,30,31	2,4,31
		SO2	593.48	216.62	2,6,8,25,29	2,6,8,25,30,31	2,8,31
		VOC	3.20	14.02	29	30,31	31
		Ammonia	5.25	23.02		30,31	
H613	DU-1 Secondary Pre- Heater	CO	Hourly emissions within ROUTCAP	58.43	7	7,30,31	7,31
		NOx		21.69	7,39	7,30,31,39	7,31
		PM		5.29		30,31	31
		PM10		5.29		30,31	31
		PM2.5		5.29		30,31	31
		SO2		7.62	2,25	2,25,30,31	2,31
		VOC		3.83	4	4,30,31	4,31
AE2340	Octane Testing Engine	CO				30,31	31
AE2636	Octane Testing Engine	CO				30,31	31
AE2650	Octane Testing Engine	CO				30,31	31
AE348	On-line Knock Engine	CO				30,31	31
AE349	On-line Knock Engine	CO				30,31	31
AE388	On-line Knock Engine	CO				30,31	31
AE389	On-line Knock Engine	CO				30,31	31
AE700	Octane Testing Engine	CO				30,31	31
AE768	Octane Testing Engine	CO				30,31	31
FLARECCU	CCU Flare	CO				30,31	31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
FLARECOKE	Coker Flare	CO			24	24,30,31	31
FLAREEP	East Property Flare	CO			24	24,30,31	31
FLAREGIRB	EP (Girbitol) Flare	CO			24	24,30,31	31
FLARENP	North Property Flare	CO			24	24,30,31	31
FLARESOUTH	South Property Flare	CO				30,31	31
FLAREWP	West Property Flare	CO			24	24,30,31	31
H1000	PLAT2 Heater	CO			8,58	8,30,31,58	8,31
H1001	PLAT2 Sulfur Guard Bed Start-up Heater	CO				30,31	31
H1010	HDU-1 Charge Heater	CO				30,31	31
H1011	HDU-1 Reboiler Heater	CO				30,31	31
H1100	DHT Heater	CO				30,31	31
H1170	CFH Charge Heater	CO				30,31	31
H31001/2	Coker Heaters No. 1 and 2	CO			8	8,30,31	8,31
H31003	Coker Heater No. 3	CO			7,8	7,8,30,31	7,8,31
H3300	DHT H2 Heater	CO			7	7,30,31	7,31
H36100	CGHT Heater	CO			40	30,31,40	31
H5100	DU-2 South Crude Heater	CO			7,8	7,8,30,31	7,8,31
H5101	DU-2 North Crude Heater	CO			7,8	7,8,30,31	7,8,31
H5102	DU-2 South Flasher Charge Heater	CO			8	8,30,31	8,31
H5103	DU-2 North Flasher Charge Heater	CO			8	8,30,31	8,31
H5104	DU-2 Preflash Heater	CO			7,8	7,8,30,31	7,8,31
H5105	DU-2 Preflash2 Heater	CO			7	7,30,31	7,31
H5200	HDU-2 Charge Heater	CO				30,31	31
H53NN	Catalytic Reformer SCR	CO			7,8	7,8,30,31	7,8,31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
H5400	SHCU South Charge Heater	CO				30,31	31
H5402	SHCU Reboiler Heater	CO			8	8,30,31	8,31
H5403	SHCU North Charge Heater	CO				30,31	31
H5404	SHCU Post-Frac Heater	CO			7,8	7,8,30,31	7,8,31
H5600	SGP Heat Medium Heater	CO			8	8,30,31	8,31
H613	DU-1 Secondary Pre-Heater	CO			7	7,30,31	7,31
H63000	HVI Column Charge Heater	CO			40	30,31,40	31
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	CO				30,31	31
NETCATOX	NET Catalytic Oxidizer	CO				30,31	31
REFANLZ	Refinery Analyzers	CO				30,31	31
SR3/4STACK	SR-3/4 Incinerator	CO			7	7,30,31	7,31
SR5STACK	SR5 Tail Gas Incinerator	CO				30,31	31
SR6STACK	SR6 Tail Gas Incinerator	CO				30,31	31
SR7STACK	SR7 Tail Gas Incinerator	CO				30,31	31
SR8STACK	SR8 Tail Gas Incinerator	CO			7	7,30,31	7,31
ROUTCAP	**Routine Emissions Cap**	CO	659.90	2333.44			
AE2340	Octane Testing Engine	NO_x				30,31	31
AE2636	Octane Testing Engine	NO_x				30,31	31
AE2650	Octane Testing Engine	NO_x				30,31	31
AE348	On-line Knock Engine	NO_x				30,31	31
AE349	On-line Knock Engine	NO_x				30,31	31
AE388	On-line Knock Engine	NO_x				30,31	31
AE389	On-line Knock Engine	NO_x				30,31	31
AE700	Octane Testing Engine	NO_x				30,31	31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
AE768	Octane Testing Engine	NO_x				30,31	31
FLARECCU	CCU Flare	NO_x				30,31	31
FLARECOKE	Coker Flare	NO_x			24	24,30,31	31
FLAREEP	East Property Flare	NO_x			24	24,30,31	31
FLAREGIRB	EP (Girbitol) Flare	NO_x			24	24,30,31	31
FLARENP	North Property Flare	NO_x			24	24,30,31	31
FLARESOUTH	South Property Flare	NO_x				30,31	31
FLAREWP	West Property Flare	NO_x			24	24,30,31	31
H1000	PLAT2 Heater	NO_x			8	8,30,31	8,31
H1001	PLAT2 Sulfur Guard Bed Start-up Heater	NO_x				30,31	31
H1010	HDU-1 Charge Heater	NO_x				30,31	31
H1011	HDU-1 Reboiler Heater	NO_x				30,31	31
H1100	DHT Heater	NO_x				30,31	31
H1170	CFH Charge Heater	NO_x			2,35	2,30,31,35	2,31
H31001/2	Coker Heaters No. 1 and 2	NO_x			8	8,30,31	8,31
H31003	Coker Heater No. 3	NO_x			7,8	7,8,30,31	7,8,31
H3300	DHT H2 Heater	NO_x			7	7,30,31	7,31
H36100	CGHT Heater	NO_x			40	30,31,40	31
H5100	DU-2 South Crude Heater	NO_x			7,8,37	7,8,30,31,37	7,8,31
H5101	DU-2 North Crude Heater	NO_x			7,8,38	7,8,30,31,38	7,8,31
H5102	DU-2 South Flasher Charge Heater	NO_x			8	8,30,31	8,31
H5103	DU-2 North Flasher Charge Heater	NO_x			8	8,30,31	8,31
H5104	DU-2 Preflash Heater	NO_x			7,8	7,8,30,31	7,8,31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
H5105	DU-2 Preflash2 Heater	NO_x			7	7,30,31	7,31
H5200	HDU-2 Charge Heater	NO_x				30,31	31
H53NN	Catalytic Reformer SCR	NO_x			7,8,36	7,8,30,31,36	7,8,31
H5400	SHCU South Charge Heater	NO_x				30,31	31
H5402	SHCU Reboiler Heater	NO_x			8	8,30,31	8,31
H5403	SHCU North Charge Heater	NO_x				30,31	31
H5404	SHCU Post-Frac Heater	NO_x			7,8	7,8,30,31	7,8,31
H5600	SGP Heat Medium Heater	NO_x			8	8,30,31	8,31
H613	DU-1 Secondary Pre-Heater	NO_x			7,39	7,30,31,39	7,31
H63000	HVI Column Charge Heater	NO_x			40	30,31,40	31
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	NO_x				30,31	31
NETCATOX	NET Catalytic Oxidizer	NO_x				30,31	31
REFANLZ	Refinery Analyzers	NO_x				30,31	31
SR3/4STACK	SR-3/4 Incinerator	NO_x			7	7,30,31	7,31
SR5STACK	SR5 Tail Gas Incinerator	NO_x				30,31	31
SR6STACK	SR6 Tail Gas Incinerator	NO_x				30,31	31
SR7STACK	SR7 Tail Gas Incinerator	NO_x				30,31	31
SR8STACK	SR8 Tail Gas Incinerator	NO_x			7	7,30,31	7,31
ROUTCAP	**Routine Emissions Cap**	NO_x	358.16	1251.82			
AE2340	Octane Testing Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
AE2636	Octane Testing Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
AE2650	Octane Testing Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
AE348	On-line Knock Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
AE349	On-line Knock Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
AE388	On-line Knock Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
AE389	On-line Knock Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
AE700	Octane Testing Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
AE768	Octane Testing Engine	$PM/PM_{10}/PM_{2.5}$				30,31	31
CWT10	Cooling Tower No. 10	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT11	Cooling Tower No. 11	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT12	Cooling Tower No. 12	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT14	Cooling Tower No. 14	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT15	Cooling Tower No. 15	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT16/16A	Cooling Tower No. 16/16A	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT17	Cooling Tower No. 17	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT6	Cooling Tower No. 6	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT7	Cooling Tower No. 7	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT8	Cooling Tower No. 8	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
CWT9	Cooling Tower No. 9	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
FUGCOKEPIT	Decoking from Drums (5)	$PM/PM_{10}/PM_{2.5}$			17	30,31	31
FUGCOKEPM1	Coke Pile Wind Erosion Fugitives (5)	$PM/PM_{10}/PM_{2.5}$			18	18,30,31	31
FUGCOKEPM1A	Coke Pile 2 Wind Erosion Fugitives (5)	$PM/PM_{10}/PM_{2.5}$			18	18,30,31	31
FUGCOKEPM2	Coke Pile Crane Fugitives (5)	$PM/PM_{10}/PM_{2.5}$			17	30,31	31
FUGCOKEPM3	Coke Crusher Fugitives (5)	$PM/PM_{10}/PM_{2.5}$			19	30,31	31
FUGCOKEPM4	Coke Crusher Discharge Fugitives (5)	$PM/PM_{10}/PM_{2.5}$			19	30,31	31
FUGCOKEPM5	Coke Transfer Conveyor Fugitives (5)	$PM/PM_{10}/PM_{2.5}$			19	30,31	31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
H1000	PLAT2 Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H1001	PLAT2 Sulfur Guard Bed Start-up Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H1010	HDU-1 Charge Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H1011	HDU-1 Reboiler Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H1100	DHT Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H1170	CFH Charge Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H31001/2	Coker Heaters No. 1 and 2	$PM/PM_{10}/PM_{2.5}$				30,31	31
H31003	Coker Heater No. 3	$PM/PM_{10}/PM_{2.5}$				30,31	31
H3300	DHT H2 Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H36100	CGHT Heater	$PM/PM_{10}/PM_{2.5}$			40	30,31,40	31
H5100	DU-2 South Crude Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5101	DU-2 North Crude Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5102	DU-2 South Flasher Charge Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5103	DU-2 North Flasher Charge Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5104	DU-2 Preflash Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5105	DU-2 Preflash2 Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5200	HDU-2 Charge Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H53NN	Catalytic Reformer SCR	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5400	SHCU South Charge Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5402	SHCU Reboiler Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5403	SHCU North Charge Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5404	SHCU Post-Frac Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H5600	SGP Heat Medium Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
H613	DU-1 Secondary Pre-Heater	$PM/PM_{10}/PM_{2.5}$				30,31	31
H63000	HVI Column Charge Heater	$PM/PM_{10}/PM_{2.5}$			40	30,31,40	31
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	$PM/PM_{10}/PM_{2.5}$				30,31	31
REFANLZ	Refinery Analyzers	$PM/PM_{10}/PM_{2.5}$				30,31	31
SR3/4STACK	SR-3/4 Incinerator	$PM/PM_{10}/PM_{2.5}$				30,31	31
SR5STACK	SR5 Tail Gas Incinerator	$PM/PM_{10}/PM_{2.5}$				30,31	31
SR6STACK	SR6 Tail Gas Incinerator	$PM/PM_{10}/PM_{2.5}$				30,31	31
SR7STACK	SR7 Tail Gas Incinerator	$PM/PM_{10}/PM_{2.5}$				30,31	31
SR8STACK	SR8 Tail Gas Incinerator	$PM/PM_{10}/PM_{2.5}$				30,31	31
WSAC	Wet Surface Air Cooler	$PM/PM_{10}/PM_{2.5}$			23	23,30,31	31
ROUTCAP	**Routine Emissions Cap**	$PM/PM_{10}/PM_{2.5}$	51.79	190.35			
AE2340	Octane Testing Engine	SO_2				30,31	31
AE2636	Octane Testing Engine	SO_2				30,31	31
AE2650	Octane Testing Engine	SO_2				30,31	31
AE348	On-line Knock Engine	SO_2				30,31	31
AE349	On-line Knock Engine	SO_2				30,31	31
AE388	On-line Knock Engine	SO_2				30,31	31
AE389	On-line Knock Engine	SO_2				30,31	31
AE700	Octane Testing Engine	SO_2				30,31	31
AE768	Octane Testing Engine	SO_2				30,31	31
FLARECCU	CCU Flare	SO_2			2	2,30,31	2,31
FLARECOKE	Coker Flare	SO_2			2,24	2,24,30,31	2,31
FLAREEP	East Property Flare	SO_2			2,24	2,24,30,31	2,31

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Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
FLAREGIRB	EP (Girbitol) Flare	SO_2			2,24	2,24,30,31	2,31
FLARENP	North Property Flare	SO_2			2,24	2,24,30,31	2,31
FLARESOUTH	South Property Flare	SO_2			2	2,30,31	2,31
FLAREWP	West Property Flare	SO_2			2,24	2,24,30,31	2,31
H1000	PLAT2 Heater	SO_2			2,25	2,25,30,31	2,31
H1001	PLAT2 Sulfur Guard Bed Start-up Heater	SO_2			2,25	2,25,30,31	2,31
H1010	HDU-1 Charge Heater	SO_2			2,25	2,25,30,31	2,31
H1011	HDU-1 Reboiler Heater	SO_2			2,25	2,25,30,31	2,31
H1100	DHT Heater	SO_2			2,25	2,25,30,31	2,31
H1170	CFH Charge Heater	SO_2			2,25	2,25,30,31	2,31
H31001/2	Coker Heaters No. 1 and 2	SO_2			2,25	2,25,30,31	2,31
H31003	Coker Heater No. 3	SO_2			2,25	2,25,30,31	2,31
H3300	DHT H2 Heater	SO_2			2,25	2,25,30,31	2,31
H36100	CGHT Heater	SO_2			2,25,40	2,25,30,31,40	2,31
H5100	DU-2 South Crude Heater	SO_2			2,25	2,25,30,31	2,31
H5101	DU-2 North Crude Heater	SO_2			2,25	2,25,30,31	2,31
H5102	DU-2 South Flasher Charge Heater	SO_2			2,25	2,25,30,31	2,31
H5103	DU-2 North Flasher Charge Heater	SO_2			2,25	2,25,30,31	2,31
H5104	DU-2 Preflash Heater	SO_2			2,25	2,25,30,31	2,31
H5105	DU-2 Preflash2 Heater	SO_2			2,25	2,25,30,31	2,31
H5200	HDU-2 Charge Heater	SO_2			2,25	2,25,30,31	2,31
H53NN	Catalytic Reformer SCR	SO_2			2,25	2,25,30,31	2,31
H5400	SHCU South Charge Heater	SO_2			2,25	2,25,30,31	2,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
H5402	SHCU Reboiler Heater	SO_2			2,25	2,25,30,31	2,31
H5403	SHCU North Charge Heater	SO_2			2,25	2,25,30,31	2,31
H5404	SHCU Post-Frac Heater	SO_2			2,25	2,25,30,31	2,31
H5600	SGP Heat Medium Heater	SO_2			2,25	2,25,30,31	2,31
H613	DU-1 Secondary Pre-Heater	SO_2			2,25	2,25,30,31	2,31
H63000	HVI Column Charge Heater	SO_2			2,25,40	2,25,30,31,40	2,31
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	SO_2			2,25	2,25,30,31	2,31
NETCATOX	NET Catalytic Oxidizer	SO_2				30,31	31
REFANLZ	Refinery Analyzers	SO_2				30,31	31
SR3/4STACK	SR-3/4 Incinerator	SO_2			2,4,7,20	2,4,7,20,30,31	2,4,7,31
SR5STACK	SR5 Tail Gas Incinerator	SO_2			2,4,20	2,4,20,30,31	2,4,31
SR6STACK	SR6 Tail Gas Incinerator	SO_2			2,4,20	2,4,20,30,31	2,4,31
SR7STACK	SR7 Tail Gas Incinerator	SO_2			2,4,20	2,4,20,30,31	2,4,31
SR8STACK	SR8 Tail Gas Incinerator	SO_2			2,4,7,20	2,4,7,20,30,31	2,4,7,31
ROUTCAP	**Routine Emissions Cap**	SO_2	1770.47	4806.63			
A305R1	Storage Tank A305R1	VOC			4	4,30,31	4,31
A307R1	Storage Tank A307R1	VOC			4,16	4,16,30,31	4,31
A308R1	Storage Tank A308R1	VOC			4	4,30,31	4,31
A309R1	Storage Tank A309R1	VOC			4	4,30,31	4,31
A310	Storage Tank A310	VOC			4,16	4,16,30,31	4,31
A312R1	Storage Tank A312R1	VOC			4	4,30,31	4,31
A313	Storage Tank A313	VOC			4,16	4,16,30,31	4,31
A315	Storage Tank A315	VOC			4,16	4,16,30,31	4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
A316R1	Storage Tank A316R1	VOC			4,16	4,16,30,31	4,31
A317	Storage Tank A317	VOC			4,16	4,16,30,31	4,31
A319R1	Storage Tank A319R1	VOC			4,16	4,16,30,31	4,31
A320R1	Storage Tank A320R1	VOC			4,16	4,16,30,31	4,31
A321	Storage Tank A321	VOC			4,16	4,16,30,31	4,31
A322	Storage Tank A322	VOC			4,16	4,16,30,31	4,31
A324	Storage Tank A324	VOC			4,16	4,16,30,31	4,31
A325	Storage Tank A325	VOC			4,16	4,16,30,31	4,31
A326	Storage Tank A326	VOC			4,16	4,16,30,31	4,31
A327	Storage Tank A327	VOC			4,16	4,16,30,31	4,31
A328	Storage Tank A328	VOC			4,16	4,16,30,31	4,31
A329	Storage Tank A329	VOC			4,16	4,16,30,31	4,31
A330	Storage Tank A330	VOC			4,16	4,16,30,31	4,31
A331	Storage Tank A331	VOC			4,16	4,16,30,31	4,31
A332	Storage Tank A332	VOC			4,16	4,16,30,31	4,31
A333	Storage Tank A333	VOC			4,16	4,16,30,31	4,31
A334	Storage Tank A334	VOC			4,16	4,16,30,31	4,31
AE2340	Octane Testing Engine	VOC				30,31	31
AE2636	Octane Testing Engine	VOC				30,31	31
AE2650	Octane Testing Engine	VOC				30,31	31
AE348	On-line Knock Engine	VOC				30,31	31
AE349	On-line Knock Engine	VOC				30,31	31
AE388	On-line Knock Engine	VOC				30,31	31
AE389	On-line Knock Engine	VOC				30,31	31
AE700	Octane Testing Engine	VOC				30,31	31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
AE768	Octane Testing Engine	VOC				30,31	31
AP1R1	Storage Tank AP1R1	VOC			4,16	4,16,30,31	4,31
AP16	AP16 Storage Tank	VOC			4	4,30,31	4,31
AP17	AP17 Storage Tank	VOC			4	4,30,31	4,31
AP2R1	Storage Tank AP2R1	VOC			4,16	4,16,30,31	4,31
AP20	Storage Tank AP20	VOC			4,16	4,16,30,31	4,31
AP21	Storage Tank AP21	VOC			4	4,30,31	4,31
AP6	AP6 Storage Tank	VOC			4,16	4,16,30,31	4,31
AP7R1	Storage Tank AP7R1	VOC			4	4,30,31	4,31
AP8	AP8 Storage Tank	VOC			4,16	4,16,30,31	4,31
CCLP	WW - Cat Cracker Lube Plant	VOC			4,26	4,26,30,31	4,31
CWT10	Cooling Tower No. 10	VOC			4,22	4,22,30,31	4,31
CWT11	Cooling Tower No. 11	VOC			4,22	4,22,30,31	4,31
CWT12	Cooling Tower No. 12	VOC			4,22	4,22,30,31	4,31
CWT14	Cooling Tower No. 14	VOC			4,22	4,22,30,31	4,31
CWT15	Cooling Tower No. 15	VOC			4,22	4,22,30,31	4,31
CWT16/16A	Cooling Tower No. 16/16A	VOC			4,22	4,22,30,31	4,31
CWT17	Cooling Tower No. 17	VOC			4,22	4,22,30,31	4,31
CWT6	Cooling Tower No. 6	VOC			4,22	4,22,30,31	4,31
CWT7	Cooling Tower No. 7	VOC			4,22	4,22,30,31	4,31
CWT8	Cooling Tower No. 8	VOC			4,22	4,22,30,31	4,31
CWT9	Cooling Tower No. 9	VOC			4,22	4,22,30,31	4,31
D363	FTXNK2/ANTIICANT Storage Tank	VOC			4	4,30,31	4,31
DD2	WW - Dispatching Distilling 2	VOC			4,26	4,26,30,31	4,31
DNF	DNF Float Tank	VOC			3,4	3,4,30,31	3,4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
DOCKS	Dock Wastewater Collection	VOC			4,26	4,26,30,31	4,31
F326	F326 Storage Tank	VOC			4,16	4,16,30,31	4,31
F329	Storage Tank F329	VOC			4,16	4,16,30,31	4,31
F348	Storage Tank F348	VOC			4,16	4,16,30,31	4,31
F349	Storage Tank F349	VOC			4	4,30,31	4,31
F351	Storage Tank F351	VOC			4,16	4,16,30,31	4,31
F364	F364 Storage Tank	VOC			4,16	4,16,30,31	4,31
F365	F365 Storage Tank	VOC			4,16	4,16,30,31	4,31
F366	F366 Storage Tank	VOC			4,16	4,16,30,31	4,31
F367	F367 Storage Tank	VOC			4,16	4,16,30,31	4,31
FLARECCU	CCU Flare	VOC			4	4,30,31	4,31
FLARECOKE	Coker Flare	VOC			4.24	4,24,30,31	4,31
FLAREEP	East Property Flare	VOC			4.24	4,24,30,31	4,31
FLAREGIRB	EP (Girbitol) Flare	VOC			4.24	4,24,30,31	4,31
FLARENP	North Property Flare	VOC			4.24	4,24,30,31	4,31
FLARESOUTH	South Property Flare	VOC			4	4,30,31	4,31
FLAREWP	West Property Flare	VOC			4.24	4,24,30,31	4,31
FUGALKY	Alky Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCCU	FCCU Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCFH	CFH Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCGHT	CGHT Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCOKER	Coke Handling Fugitives (5)	VOC			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGCPU	CPU Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCR3	CR3 Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDHT	DHT Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
FUGDISP	DISP Fugitives (5)	VOC			2,4,9,12,14	2,4,15,30,31	2,4,15,31
FUGDOCK	Dock Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDU1	DU1 Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDU2	DU2 Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGENVN	Environmental North Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGEPFGR	EPFRG Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGGFRAC	GFRAC Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGGIRBIT	Girbitol Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGGOHT	GOHT Fugitives (5)	VOC			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGHDU1	HDU1 Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGHNS	HNS Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGPLAT2	PLAT2 Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGPSA	PSA Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSGP	SGP Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSHCU	SHCU Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSR3/4	SR3/4 Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSR5	SR5 Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSR6/7	SR6/7 Fugitives (5)	VOC			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGSR8	SR8 Fugitives (5)	VOC			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGTHCR	Thermal Cracking Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGWBT	West Blend Tank Fugitives (5)	VOC			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
G313	G313 Storage Tank	VOC			4,16	4,16,30,31	4,31
G314R1	Storage Tank G314R1	VOC			4	4,30,31	4,31
G315	G315 Storage Tank	VOC			4,16	4,16,30,31	4,31
G316	G316 Storage Tank	VOC			4,16	4,16,30,31	4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
G317R1	Storage Tank G317R1	VOC			4,16	4,16,30,31	4,31
G319	G319 Storage Tank	VOC			4	4,30,31	4,31
G320	G320 Storage Tank	VOC			4	4,30,31	4,31
G322	G322 Storage Tank	VOC			4	4,30,31	4,31
G324R1	Storage Tank G324R1	VOC			4,16	4,16,30,31	4,31
G332	G332 Storage Tank	VOC			4,16	4,16,30,31	4,31
G345	G345 Storage Tank	VOC			4,16	4,16,30,31	4,31
G346	G346 Storage Tank	VOC			4,16	4,16,30,31	4,31
G347	G347 Storage Tank	VOC			4	4,30,31	4,31
G348	G348 Storage Tank	VOC			4	4,30,31	4,31
G352	G352 Storage Tank	VOC			4	4,30,31	4,31
G355	G355 Storage Tank	VOC			4,16	4,16,30,31	4,31
G356	G356 Storage Tank	VOC			4,16	4,16,30,31	4,31
G357	G357 Storage Tank	VOC			4,16	4,16,30,31	4,31
G358	G358 Storage Tank	VOC			4,16	4,16,30,31	4,31
G359	G359 Storage Tank	VOC			4,16	4,16,30,31	4,31
G360	G360 Storage Tank	VOC			4,16	4,16,30,31	4,31
G361	G361 Storage Tank	VOC			4,16	4,16,30,31	4,31
G362	Storage Tank G362	VOC			4,16	4,16,30,31	4,31
G363	Storage Tank G363	VOC			4	4,30,31	4,31
G364	Storage Tank G364	VOC			4	4,30,31	4,31
G365	Storage Tank G365	VOC			4,16	4,16,30,31	4,31
G366	Storage Tank G366	VOC			4,16	4,16,30,31	4,31
G367	Storage Tank G367	VOC			4,16	4,16,30,31	4,31
H1000	PLAT2 Heater	VOC			4	4,30,31	4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
H1001	PLAT2 Sulfur Guard Bed Start-up Heater	VOC			4	4,30,31	4,31
H1010	HDU-1 Charge Heater	VOC			4	4,30,31	4,31
H1011	HDU-1 Reboiler Heater	VOC			4	4,30,31	4,31
H1100	DHT Heater	VOC			4	4,30,31	4,31
H1170	CFH Charge Heater	VOC			4	4,30,31	4,31
H31001/2	Coker Heaters No. 1 and 2	VOC			4	4,30,31	4,31
H31003	Coker Heater No. 3	VOC			4	4,30,31	4,31
H3300	DHT H2 Heater	VOC			4	4,30,31	4,31
H343	Storage Tank H343	VOC			4	4,30,31	4,31
H36100	CGHT Heater	VOC			4,40	4,30,31,40	4,31
H5100	DU-2 South Crude Heater	VOC			4	4,30,31	4,31
H5101	DU-2 North Crude Heater	VOC			4	4,30,31	4,31
H5102	DU-2 South Flasher Charge Heater	VOC			4	4,30,31	4,31
H5103	DU-2 North Flasher Charge Heater	VOC			4	4,30,31	4,31
H5104	DU-2 Preflash Heater	VOC			4	4,30,31	4,31
H5105	DU-2 Preflash2 Heater	VOC			4	4,30,31	4,31
H5200	HDU-2 Charge Heater	VOC			4	4,30,31	4,31
H53NN	Catalytic Reformer SCR	VOC			4	4,30,31	4,31
H5400	SHCU South Charge Heater	VOC			4	4,30,31	4,31
H5402	SHCU Reboiler Heater	VOC			4	4,30,31	4,31
H5403	SHCU North Charge Heater	VOC			4	4,30,31	4,31
H5404	SHCU Post-Frac Heater	VOC			4	4,30,31	4,31
H5600	SGP Heat Medium Heater	VOC			4	4,30,31	4,31
H613	DU-1 Secondary Pre-Heater	VOC			4	4,30,31	4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
H63000	HVI Column Charge Heater	VOC			4,40	4,30,31,40	4,31
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	VOC			4	4,30,31	4,31
J301B	J301B Storage Tank	VOC			4	4,30,31	4,31
J302B	J302B Storage Tank	VOC			4	4,30,31	4,31
J303B	J303B Storage Tank	VOC			4	4,30,31	4,31
J304	J304 Storage Tank	VOC			4	4,30,31	4,31
J305B	J305B Storage Tank	VOC			4	4,30,31	4,31
J306	J306 Storage Tank	VOC			4	4,30,31	4,31
J308	J308 Storage Tank	VOC			4	4,30,31	4,31
J312	J312 Storage Tank	VOC			4,16	4,16,30,31	4,31
J315	J315 Storage Tank	VOC			4,16	4,16,30,31	4,31
J316	J316 Storage Tank	VOC			4,16	4,16,30,31	4,31
J318B	J318B Storage Tank	VOC			4,16	4,16,30,31	4,31
J320	J320 Storage Tank	VOC			4,16	4,16,30,31	4,31
J322	J322 Storage Tank	VOC			4	4,30,31	4,31
J323	J323 Storage Tank	VOC			4	4,30,31	4,31
J325	J325 Storage Tank	VOC			4	4,30,31	4,31
J326	J326 Storage Tank	VOC			4	4,30,31	4,31
J328	J328 Storage Tank	VOC			4	4,30,31	4,31
J329	J329 Storage Tank	VOC			4	4,30,31	4,31
J330	J330 Storage Tank	VOC			4	4,30,31	4,31
J331	J331 Storage Tank	VOC			4	4,30,31	4,31
J332	J332 Storage Tank	VOC			4	4,30,31	4,31
J333	Storage Tank J333	VOC			4,16	4,16,30,31	4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
J334	Storage Tank J334	VOC			4,16	4,16,30,31	4,31
J335	Storage Tank J335	VOC			4,16	4,16,30,31	4,31
J339R1	Storage Tank J339R1	VOC			4,16	4,16,30,31	4,31
J340	J340 Storage Tank	VOC			4	4,30,31	4,31
J341	Storage Tank J341	VOC			2,4	2,4,30,31	2,4,31
J348	J348 Storage Tank	VOC			4	4,30,31	4,31
J349	J349 Storage Tank	VOC			4	4,30,31	4,31
K301	K301 Storage Tank	VOC			4	4,30,31	4,31
K302	K302 Storage Tank	VOC			4	4,30,31	4,31
K303	K303 Storage Tank	VOC			4	4,30,31	4,31
K304	K304 Storage Tank	VOC			4,16	4,16,30,31	4,31
K305	Storage Tank K305	VOC			4	4,30,31	4,31
K310	K310 Storage Tank	VOC				30,31	31
K311	K311 Storage Tank	VOC				30,31	31
M301	Marine Fuel Oil Storage Tank	VOC			4	4,30,31	4,31
M302	Marine Diesel Storage Tank	VOC			4	4,30,31	4,31
MARLOAD	Marine Loading	VOC			4	4,30,31	4,31
MARSCRB	Center Dock & Barge Dock Scrubbers	VOC			4	4,30,31	4,31
MH4CAS	Manhole 4 CAS Vent	VOC			4,26	4,26,30,31	4,31
NAB	North Aeration Basin	VOC			4	4,30,31	4,31
NETCATOX	NET Catalytic Oxidizer	VOC			4	4,30,31	4,31
NETCC	NET Controlled Centrifuge	VOC			4	4,30,31	4,31
OWATCTF	WW - Alky Tank Farm Oily Water	VOC			4,26	4,26,30,31	4,31
OWDU1	WW- Sewer Oily Water Hub	VOC			4,26	4,26,30,31	4,31
REFANLZ	Refinery Analyzers	VOC				30,31	31

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
S304	Storage Tank S304	VOC			4	4,30,31	4,31
S305R1	Storage Tank S305R1	VOC			4	4,30,31	4,31
S306	S306 Storage Tank	VOC			4	4,30,31	4,31
S307	S307 Storage Tank	VOC			4	4,30,31	4,31
S310	S310 Storage Tank	VOC			4	4,30,31	4,31
S313	S313 Storage Tank	VOC			4	4,30,31	4,31
S325	S325 Storage Tank	VOC				30,31	31
S326	S326 Storage Tank	VOC				30,31	31
S343	S343 Storage Tank	VOC				30,31	31
S344	S344 Storage Tank	VOC				30,31	31
S395	S395 Storage Tank	VOC				30,31	31
S402	S402 Storage Tank	VOC			4	4,30,31	4,31
SAB	South Aeration Basin	VOC			4	4,30,31	4,31
SR3/4STACK	SR-3/4 Incinerator	VOC				30,31	31
SR5STACK	SR5 Tail Gas Incinerator	VOC				30,31	31
SR6STACK	SR6 Tail Gas Incinerator	VOC				30,31	31
SR7STACK	SR7 Tail Gas Incinerator	VOC				30,31	31
SR8STACK	SR8 Tail Gas Incinerator	VOC				30,31	31
SS306	SS306 Storage Tank	VOC				30,31	31
SS307	SS307 Storage Tank	VOC				30,31	31
SS335	SS335 Storage Tank	VOC				30,31	31
SS336	Storage Tank SS336	VOC				30,31	31
SS341	SS341 Storage Tank	VOC				30,31	31
SS343	SS343 Storage Tank	VOC			4	4,30,31	4,31
SS348	SS348 Storage Tank	VOC				30,31	31

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
SS351	Storage Tank SS351	VOC			4	4,30,31	4,31
SS388	SS388 Storage Tank	VOC			4	4,30,31	4,31
SS390	Storage Tank SS390	VOC				30,31	31
SS396	SS396 Storage Tank	VOC				30,31	31
SS409	Storage Tank SS409	VOC			4	4,30,31	4,31
SS425	SS425 Storage Tank	VOC			4,16	4,16,30,31	4,31
T1211	T1211 Storage Tank	VOC			4	4,30,31	4,31
T1212	T1212 Storage Tank	VOC			4	4,30,31	4,31
T1710	T1710 Storage Tank	VOC			4	4,30,31	4,31
T301	T301 Storage Tank	VOC			3,4,16	3,4,16,30,31	3,4,31
T302	T302 EXTFLT Refinery WW Storage Tank	VOC			3,4,16	3,4,16,30,31	3,4,31
T315	T315 Storage Tank	VOC			4	4,30,31	4,31
T316	Methanol Storage Tank	VOC			4	4,30,31	4,31
T5808	Storage Tank T5808	VOC				30,31	31
T5809	Storage Tank T5809	VOC				30,31	31
T93002	T93002 DEA Storage Tank	VOC			4	4,30,31	4,31
T93402	T93402 MDEA Storage Tank	VOC			4	4,30,31	4,31
TC&G	WW – Thermal Cracking and Gas Treating	VOC			4,26	4,26,30,31	4,31
TCACIDLOA D	Acid Tank Car Loading	VOC				30,31	31
TFSCAS	Trickle Filter Sump CAS Vent	VOC			4,26	4,26,30,31	4,31
U301	U301 Storage Tank	VOC			4	4,30,31	4,31
U302	U302 Storage Tank	VOC			4	4,30,31	4,31
V1111	V1111 Storage Tank	VOC			4	4,30,31	4,31
V5369	CR3 Pressure Vessel	VOC				30,31	31

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
V54	Vessel/Regen Gas KO Pot	VOC				30,31	31
VA03	VA03 Storage Tank	VOC				30,31	31
VA04	VA04 Storage Tank	VOC				30,31	31
X314	Storage Tank X314	VOC			4	4,30,31	4,31
X315	Ballast Water Storage Tank	VOC			3,4,16	3,4,16,30,31	3,4,31
X320	Ballast Water O/S Storage Tank	VOC			3,4,16	3,4,16,30,31	3,4,31
X322	X322 Storage Tank	VOC			3,4,16	3,4,16,30,31	3,4,31
X323	X323 Storage Tank	VOC			3,4,16	3,4,16,30,31	3,4,31
X330	WW - Equalization Tank	VOC			4,26	4,26,30,31	4,31
X330SM	WW - Sump	VOC			4,26	4,26,30,31	4,31
ROUTCAP	**Routine Emissions Cap**	VOC	1539.41	2091.21			
A305R1	Storage Tank A305R1	Benzene			4	4,30,31	4,31
A307R1	Storage Tank A307R1	Benzene			4,16	4,16,30,31	4,31
A308R1	Storage Tank A308R1	Benzene			4	4,30,31	4,31
A309R1	Storage Tank A309R1	Benzene			4	4,30,31	4,31
A310	Storage Tank A310	Benzene			4,16	4,16,30,31	4,31
A312R1	Storage Tank A312R1	Benzene			4	4,30,31	4,31
A313	Storage Tank A313	Benzene			4,16	4,16,30,31	4,31
A315	Storage Tank A315	Benzene			4,16	4,16,30,31	4,31
A316R1	Storage Tank A316R1	Benzene			4,16	4,16,30,31	4,31
A317	Storage Tank A317	Benzene			4,16	4,16,30,31	4,31
A319R1	Storage Tank A319R1	Benzene			4,16	4,16,30,31	4,31
A320R1	Storage Tank A320R1	Benzene			4,16	4,16,30,31	4,31
A321	Storage Tank A321	Benzene			4,16	4,16,30,31	4,31
A322	Storage Tank A322	Benzene			4,16	4,16,30,31	4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
A324	Storage Tank A324	Benzene			4,16	4,16,30,31	4,31
A325	Storage Tank A325	Benzene			4,16	4,16,30,31	4,31
A326	Storage Tank A326	Benzene			4,16	4,16,30,31	4,31
A327	Storage Tank A327	Benzene			4,16	4,16,30,31	4,31
A328	Storage Tank A328	Benzene			4,16	4,16,30,31	4,31
A329	Storage Tank A329	Benzene			4,16	4,16,30,31	4,31
A330	Storage Tank A330	Benzene			4,16	4,16,30,31	4,31
A331	Storage Tank A331	Benzene			4,16	4,16,30,31	4,31
A332	Storage Tank A332	Benzene			4,16	4,16,30,31	4,31
A333	Storage Tank A333	Benzene			4,16	4,16,30,31	4,31
A334	Storage Tank A334	Benzene			4,16	4,16,30,31	4,31
AP1R1	Storage Tank AP1R1	Benzene			4,16	4,16,30,31	4,31
AP16	AP16 Storage Tank	Benzene			4	4,30,31	4,31
AP17	AP17 Storage Tank	Benzene			4	4,30,31	4,31
AP2R1	Storage Tank AP2R1	Benzene			4,16	4,16,30,31	4,31
AP20	Storage Tank AP20	Benzene			4,16	4,16,30,31	4,31
AP21	Storage Tank AP21	Benzene			4	4,30,31	4,31
AP6	AP6 Storage Tank	Benzene			4,16	4,16,30,31	4,31
AP7R1	Storage Tank AP7R1	Benzene			4	4,30,31	4,31
AP8	AP8 Storage Tank	Benzene			4,16	4,16,30,31	4,31
CCLP	WW - Cat Cracker Lube Plant	Benzene			3,4,26	3,4,26,30,31	3,4,31
DD2	WW - Dispatching Distilling 2	Benzene			3,4,26	3,4,26,30,31	3,4,31
DNF	DNF Float Tank	Benzene			3,4	3,4,30,31	3,4,31
DOCKS	Dock Wastewater Collection	Benzene			3,4,26	3,4,26,30,31	3,4,31
F326	F326 Storage Tank	Benzene			4,16	4,16,30,31	4,31

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
F329	Storage Tank F329	Benzene			4,16	4,16,30,31	4,31
F348	Storage Tank F348	Benzene			4,16	4,16,30,31	4,31
F349	Storage Tank F349	Benzene			4	4,30,31	4,31
F351	Storage Tank F351	Benzene			4,16	4,16,30,31	4,31
F364	F364 Storage Tank	Benzene			4,16	4,16,30,31	4,31
F365	F365 Storage Tank	Benzene			4,16	4,16,30,31	4,31
FUGALKY	Alky Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCCU	FCCU Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCFH	CFH Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCGHT	CGHT Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCOKER	Coke Handling Fugitives (5)	Benzene			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGCPU	CPU Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCR3	CR3 Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDHT	DHT Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDISP	DISP Fugitives (5)	Benzene			2,4,9,12,14	2,4,15,30,31	2,4,15,31
FUGDOCK	Dock Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDU1	DU1 Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDU2	DU2 Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGENVN	Environmental North Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGGFRAC	GFRAC Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGGOHT	GOHT Fugitives (5)	Benzene			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGHDU1	HDU1 Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGHNS	HNS Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGPLAT2	PLAT2 Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGPSA	PSA Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
FUGSGP	SGP Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSHCU	SHCU Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSR5	SR5 Fugitives (5)	Benzene			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSR6/7	SR6/7 Fugitives (5)	Benzene			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
G313	G313 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G314R1	Storage Tank G314R1	Benzene			4	4,30,31	4,31
G315	G315 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G317R1	Storage Tank G317R1	Benzene			4,16	4,16,30,31	4,31
G319	G319 Storage Tank	Benzene			4	4,30,31	4,31
G320	G320 Storage Tank	Benzene			4	4,30,31	4,31
G322	G322 Storage Tank	Benzene			4	4,30,31	4,31
G324R1	Storage Tank G324R1	Benzene			4,16	4,16,30,31	4,31
G332	G332 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G345	G345 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G346	G346 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G347	G347 Storage Tank	Benzene			4	4,30,31	4,31
G348	G348 Storage Tank	Benzene			4	4,30,31	4,31
G352	G352 Storage Tank	Benzene			4	4,30,31	4,31
G355	G355 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G356	G356 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G357	G357 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G358	G358 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G359	G359 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G360	G360 Storage Tank	Benzene			4,16	4,16,30,31	4,31
G361	G361 Storage Tank	Benzene			4,16	4,16,30,31	4,31

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
G362	Storage Tank G362	Benzene			4,16	4,16,30,31	4,31
G363	Storage Tank G363	Benzene			4	4,30,31	4,31
G364	Storage Tank G364	Benzene			4	4,30,31	4,31
G365	Storage Tank G365	Benzene			4,16	4,16,30,31	4,31
G366	Storage Tank G366	Benzene			4,16	4,16,30,31	4,31
G367	Storage Tank G367	Benzene			4,16	4,16,30,31	4,31
H343	Storage Tank H343	Benzene			4	4,30,31	4,31
J301B	J301B Storage Tank	Benzene			4	4,30,31	4,31
J302B	J302B Storage Tank	Benzene			4	4,30,31	4,31
J303B	J303B Storage Tank	Benzene			4	4,30,31	4,31
J304	J304 Storage Tank	Benzene			4	4,30,31	4,31
J305B	J305B Storage Tank	Benzene			4	4,30,31	4,31
J306	J306 Storage Tank	Benzene			4	4,30,31	4,31
J308	J308 Storage Tank	Benzene			4	4,30,31	4,31
J312	J312 Storage Tank	Benzene			4,16	4,16,30,31	4,31
J315	J315 Storage Tank	Benzene			4,16	4,16,30,31	4,31
J316	J316 Storage Tank	Benzene			4,16	4,16,30,31	4,31
J318B	J318B Storage Tank	Benzene			4,16	4,16,30,31	4,31
J320	J320 Storage Tank	Benzene			4,16	4,16,30,31	4,31
J322	J322 Storage Tank	Benzene			4	4,30,31	4,31
J323	J323 Storage Tank	Benzene			4	4,30,31	4,31
J325	J325 Storage Tank	Benzene			4	4,30,31	4,31
J326	J326 Storage Tank	Benzene			4	4,30,31	4,31
J328	J328 Storage Tank	Benzene			4	4,30,31	4,31
J329	J329 Storage Tank	Benzene			4	4,30,31	4,31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
J330	J330 Storage Tank	Benzene			4	4,30,31	4,31
J331	J331 Storage Tank	Benzene			4	4,30,31	4,31
J332	J332 Storage Tank	Benzene			4	4,30,31	4,31
J333	Storage Tank J333	Benzene			4,16	4,16,30,31	4,31
J334	Storage Tank J334	Benzene			4,16	4,16,30,31	4,31
J335	Storage Tank J335	Benzene			4,16	4,16,30,31	4,31
J339R1	Storage Tank J339R1	Benzene			4,16	4,16,30,31	4,31
J340	J340 Storage Tank	Benzene			4	4,30,31	4,31
J341	Storage Tank J341	Benzene			2,4	2,4,30,31	2,4,31
J348	J348 Storage Tank	Benzene			4	4,30,31	4,31
J349	J349 Storage Tank	Benzene			4	4,30,31	4,31
K301	K301 Storage Tank	Benzene			4	4,30,31	4,31
K302	K302 Storage Tank	Benzene			4	4,30,31	4,31
K303	K303 Storage Tank	Benzene			4	4,30,31	4,31
K304	K304 Storage Tank	Benzene			4,16	4,16,30,31	4,31
K305	Storage Tank K305	Benzene			4	4,30,31	4,31
K310	K310 Storage Tank	Benzene				30,31	31
K311	K311 Storage Tank	Benzene				30,31	31
M301	Marine Fuel Oil Storage Tank	Benzene			4	4,30,31	4,31
M302	Marine Diesel Storage Tank	Benzene			4	4,30,31	4,31
MARLOAD	Marine Loading	Benzene			3,59,60,61,63	3,30,31,59,60,61,62,63	3,31,62
MH4CAS	Manhole 4 CAS Vent	Benzene			3,4,26	3,4,26,30,31	3,4,31
NAB	North Aeration Basin	Benzene			3,4	3,4,30,31	3,4,31
NETCATOX	NET Catalytic Oxidizer	Benzene			3,4	3,4,30,31	3,4,31
NETCC	NET Controlled Centrifuge	Benzene			3,4	3,4,30,31	3,4,31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
OWATCTF	WW - Alky Tank Farm Oily Water	Benzene			3,4,26	3,4,26,30,31	3,4,31
OWDU1	WW- Sewer Oily Water Hub	Benzene			3,4,26	3,4,26,30,31	3,4,31
REFANLZ	Refinery Analyzers	Benzene				30,31	31
S304	Storage Tank S304	Benzene			4	4,30,31	4,31
S307	S307 Storage Tank	Benzene			4	4,30,31	4,31
S310	S310 Storage Tank	Benzene			4	4,30,31	4,31
S313	S313 Storage Tank	Benzene			4	4,30,31	4,31
S325	S325 Storage Tank	Benzene				30,31	31
S326	S326 Storage Tank	Benzene				30,31	31
S343	S343 Storage Tank	Benzene				30,31	31
S344	S344 Storage Tank	Benzene				30,31	31
S395	S395 Storage Tank	Benzene				30,31	31
SAB	South Aeration Basin	Benzene			3,4	3,4,30,31	3,4,31
SS335	SS335 Storage Tank	Benzene				30,31	31
SS343	SS343 Storage Tank	Benzene			4	4,30,31	4,31
SS348	SS348 Storage Tank	Benzene				30,31	31
SS390	Storage Tank SS390	Benzene				30,31	31
SS425	SS425 Storage Tank	Benzene			4,16	4,16,30,31	4,31
T301	T301 Storage Tank	Benzene			3,4,16	3,4,16,30,31	3,4,31
T302	T302 EXTFLT Refinery WW Storage Tank	Benzene			3,4,16	3,4,16,30,31	3,4,31
T5808	Storage Tank T5808	Benzene				30,31	31
T5809	Storage Tank T5809	Benzene				30,31	31
TC&G	WW – Thermal Cracking and Gas Treating	Benzene			3,4,26	3,4,26,30,31	3,4,31
TFSCAS	Trickle Filter Sump CAS Vent	Benzene			3,4,26	3,4,26,30,31	3,4,31

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Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
V5369	CR3 Pressure Vessel	Benzene				30,31	31
VA03	VA03 Storage Tank	Benzene				30,31	31
VA04	VA04 Storage Tank	Benzene				30,31	31
X314	Storage Tank X314	Benzene			4	4,30,31	4,31
X315	Ballast Water Storage Tank	Benzene			3,4,16	3,4,16,30,31	3,4,31
X320	Ballast Water O/S Storage Tank	Benzene			3,4,16	3,4,16,30,31	3,4,31
X322	X322 Storage Tank	Benzene			3,4,16	3,4,16,30,31	3,4,31
X323	X323 Storage Tank	Benzene			3,4,16	3,4,16,30,31	3,4,31
X330	WW - Equalization Tank	Benzene			3,4,26	3,4,26,30,31	3,4,31
X330SM	WW - Sump	Benzene			3,4,26	3,4,26,30,31	3,4,31
ROUTCAP	**Routine Emissions Cap**	Benzene	8.09	13.87			
A305R1	Storage Tank A305R1	H_2S			4	4,30,31	4,31
A307R1	Storage Tank A307R1	H_2S			4,16	4,16,30,31	4,31
A308R1	Storage Tank A308R1	H_2S			4	4,30,31	4,31
A309R1	Storage Tank A309R1	H_2S			4	4,30,31	4,31
A310	Storage Tank A310	H_2S			4,16	4,16,30,31	4,31
A312R1	Storage Tank A312R1	H_2S			4	4,30,31	4,31
A313	Storage Tank A313	H_2S			4,16	4,16,30,31	4,31
A315	Storage Tank A315	H_2S			4,16	4,16,30,31	4,31
A316R1	Storage Tank A316R1	H_2S			4,16	4,16,30,31	4,31
A317	Storage Tank A317	H_2S			4,16	4,16,30,31	4,31
A319R1	Storage Tank A319R1	H_2S			4,16	4,16,30,31	4,31
A320R1	Storage Tank A320R1	H_2S			4,16	4,16,30,31	4,31
A321	Storage Tank A321	H_2S			4,16	4,16,30,31	4,31

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Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
A322	Storage Tank A322	H_2S			4,16	4,16,30,31	4,31
A324	Storage Tank A324	H_2S			4,16	4,16,30,31	4,31
A325	Storage Tank A325	H_2S			4,16	4,16,30,31	4,31
A326	Storage Tank A326	H_2S			4,16	4,16,30,31	4,31
A327	Storage Tank A327	H_2S			4,16	4,16,30,31	4,31
A328	Storage Tank A328	H_2S			4,16	4,16,30,31	4,31
A329	Storage Tank A329	H_2S			4,16	4,16,30,31	4,31
A330	Storage Tank A330	H_2S			4,16	4,16,30,31	4,31
A331	Storage Tank A331	H_2S			4,16	4,16,30,31	4,31
A332	Storage Tank A332	H_2S			4,16	4,16,30,31	4,31
A333	Storage Tank A333	H_2S			4,16	4,16,30,31	4,31
A334	Storage Tank A334	H_2S			4,16	4,16,30,31	4,31
AP1R1	Storage Tank AP1R1	H_2S			4,16	4,16,30,31	4,31
AP16	AP16 Storage Tank	H_2S			4	4,30,31	4,31
AP17	AP17 Storage Tank	H_2S			4	4,30,31	4,31
AP2R1	Storage Tank AP2R1	H_2S			4,16	4,16,30,31	4,31
AP20	Storage Tank AP20	H_2S			4,16	4,16,30,31	4,31
AP21	Storage Tank AP21	H_2S			4	4,30,31	4,31
AP6	AP6 Storage Tank	H_2S			4,16	4,16,30,31	4,31
AP7R1	Storage Tank AP7R1	H_2S			4	4,30,31	4,31
AP8	AP8 Storage Tank	H_2S			4,16	4,16,30,31	4,31
CCLP	WW - Cat Cracker Lube Plant	H_2S			4,26	4,26,30,31	4,31
DD2	WW - Dispatching Distilling 2	H_2S			4,26	4,26,30,31	4,31

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
DNF	DNF Float Tank	H_2S			3,4	3,4,30,31	3,4,31
F326	F326 Storage Tank	H_2S			4,16	4,16,30,31	4,31
F329	Storage Tank F329	H_2S			4,16	4,16,30,31	4,31
F348	Storage Tank F348	H_2S			4,16	4,16,30,31	4,31
F364	F364 Storage Tank	H_2S			4,16	4,16,30,31	4,31
F365	F365 Storage Tank	H_2S			4,16	4,16,30,31	4,31
FLARECCU	CCU Flare	H_2S			2	2,30,31	2,31
FLARECOKE	Coker Flare	H_2S			2,24	2,24,30,31	2,31
FLAREEP	East Property Flare	H_2S			2,24	2,24,30,31	2,31
FLAREGIRB	EP (Girbitol) Flare	H_2S			2,24	2,24,30,31	2,31
FLARENP	North Property Flare	H_2S			2,24	2,24,30,31	2,31
FLARESOUTH	South Property Flare	H_2S			2	2,30,31	2,31
FLAREWP	West Property Flare	H_2S			2,24	2,24,30,31	2,31
FUGCCU	FCCU Fugitives (5)	H_2S			2,4,9,14	2,4,9,15,30,31	2,4,15,31
FUGCFH	CFH Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGCOKER	Coke Handling Fugitives (5)	H_2S			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGDHT	DHT Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDISP	DISP Fugitives (5)	H_2S			2,4,9,12,14	2,4,15,30,31	2,4,15,31
FUGDU1	DU1 Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGDU2	DU2 Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGEPFGR	EPFRG Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGGFRAC	GFRAC Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGGIRBIT	Girbitol Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
FUGGOHT	GOHT Fugitives (5)	H_2S			2,4,10,12,14	2,4,10,15,30,31	2,4,15,31
FUGHDU1	HDU1 Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGPSA	PSA Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSGP	SGP Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
FUGSHCU	SHCU Fugitives (5)	H_2S			2,4,9,12,14	2,4,9,15,30,31	2,4,15,31
G313	G313 Storage Tank	H_2S			4,16	4,16,30,31	4,31
G315	G315 Storage Tank	H_2S			4,16	4,16,30,31	4,31
G320	G320 Storage Tank	H_2S			4	4,30,31	4,31
G324R1	Storage Tank G324R1	H_2S			4,16	4,16,30,31	4,31
G332	G332 Storage Tank	H_2S			4,16	4,16,30,31	4,31
G348	G348 Storage Tank	H_2S			4	4,30,31	4,31
G355	G355 Storage Tank	H_2S			4,16	4,16,30,31	4,31
G357	G357 Storage Tank	H_2S			4,16	4,16,30,31	4,31
G358	G358 Storage Tank	H_2S			4,16	4,16,30,31	4,31
G360	G360 Storage Tank	H_2S			4,16	4,16,30,31	4,31
G362	Storage Tank G362	H_2S			4,16	4,16,30,31	4,31
G363	Storage Tank G363	H_2S			4	4,30,31	4,31
G364	Storage Tank G364	H_2S			4	4,30,31	4,31
G365	Storage Tank G365	H_2S			4,16	4,16,30,31	4,31
G366	Storage Tank G366	H_2S			4,16	4,16,30,31	4,31
H343	Storage Tank H343	H_2S			4	4,30,31	4,31
J301B	J301B Storage Tank	H_2S			4	4,30,31	4,31
J302B	J302B Storage Tank	H_2S			4	4,30,31	4,31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
J303B	J303B Storage Tank	H_2S			4	4,30,31	4,31
J304	J304 Storage Tank	H_2S			4	4,30,31	4,31
J305B	J305B Storage Tank	H_2S			4	4,30,31	4,31
J306	J306 Storage Tank	H_2S			4	4,30,31	4,31
J308	J308 Storage Tank	H_2S			4	4,30,31	4,31
J312	J312 Storage Tank	H_2S			4,16	4,16,30,31	4,31
J315	J315 Storage Tank	H_2S			4,16	4,16,30,31	4,31
J316	J316 Storage Tank	H_2S			4,16	4,16,30,31	4,31
J318B	J318B Storage Tank	H_2S			4,16	4,16,30,31	4,31
J322	J322 Storage Tank	H_2S			4	4,30,31	4,31
J323	J323 Storage Tank	H_2S			4	4,30,31	4,31
J325	J325 Storage Tank	H_2S			4	4,30,31	4,31
J326	J326 Storage Tank	H_2S			4	4,30,31	4,31
J328	J328 Storage Tank	H_2S			4	4,30,31	4,31
J329	J329 Storage Tank	H_2S			4	4,30,31	4,31
J330	J330 Storage Tank	H_2S			4	4,30,31	4,31
J331	J331 Storage Tank	H_2S			4	4,30,31	4,31
J332	J332 Storage Tank	H_2S			4	4,30,31	4,31
J333	Storage Tank J333	H_2S			4,16	4,16,30,31	4,31
J334	Storage Tank J334	H_2S			4,16	4,16,30,31	4,31
J335	Storage Tank J335	H_2S			4,16	4,16,30,31	4,31
J339R1	Storage Tank J339R1	H_2S			4,16	4,16,30,31	4,31
J340	J340 Storage Tank	H_2S			4	4,30,31	4,31

Major NSR Summary Table

Permit Number: 21262 and PSDTX928					Issuance Date: 01/08/2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
J348	J348 Storage Tank	H_2S			4	4,30,31	4,31
J349	J349 Storage Tank	H_2S			4	4,30,31	4,31
K301	K301 Storage Tank	H_2S			4	4,30,31	4,31
K302	K302 Storage Tank	H_2S			4	4,30,31	4,31
K303	K303 Storage Tank	H_2S			4	4,30,31	4,31
K304	K304 Storage Tank	H_2S			4,16	4,16,30,31	4,31
K305	Storage Tank K305	H_2S			4	4,30,31	4,31
K310	K310 Storage Tank	H_2S				30,31	31
K311	K311 Storage Tank	H_2S				30,31	31
LDSULF67	SR6 and SR7 Loading Rack	H_2S				30,31	31
M301	Marine Fuel Oil Storage Tank	H_2S			4	4,30,31	4,31
M302	Marine Diesel Storage Tank	H_2S			4	4,30,31	4,31
MARLOAD	Marine Loading	H_2S				30,31	31
MH4CAS	Manhole 4 CAS Vent	H_2S			4,26	4,26,30,31	4,31
NAB	North Aeration Basin	H_2S			4	4,30,31	4,31
NETCATOX	NET Catalytic Oxidizer	H_2S			4	4,30,31	4,31
NETCC	NET Controlled Centrifuge	H_2S			4	4,30,31	4,31
REFANLZ	Refinery Analyzers	H_2S				30,31	31
S304	Storage Tank S304	H_2S			4	4,30,31	4,31
S305R1	Storage Tank S305R1	H_2S			4	4,30,31	4,31
S306	S306 Storage Tank	H_2S			4	4,30,31	4,31
S307	S307 Storage Tank	H_2S			4	4,30,31	4,31
S310	S310 Storage Tank	H_2S			4	4,30,31	4,31

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Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
S313	S313 Storage Tank	H_2S			4	4,30,31	4,31
S325	S325 Storage Tank	H_2S				30,31	31
S326	S326 Storage Tank	H_2S				30,31	31
S343	S343 Storage Tank	H_2S				30,31	31
S344	S344 Storage Tank	H_2S				30,31	31
S395	S395 Storage Tank	H_2S				30,31	31
S402	S402 Storage Tank	H_2S				30,31	31
SAB	South Aeration Basin	H_2S			4	4,30,31	4,31
SR3/4STACK	SR-3/4 Incinerator	H_2S				30,31	31
SR5L01	SR5 Loading Rack	H_2S				30,31	31
SR5L02	SR5 Loading rack	H_2S				30,31	31
SR5STACK	SR5 Tail Gas Incinerator	H_2S				30,31	31
SR6STACK	SR6 Tail Gas Incinerator	H_2S				30,31	31
SR7STACK	SR7 Tail Gas Incinerator	H_2S				30,31	31
SR8STACK	SR8 Tail Gas Incinerator	H_2S				30,31	31
SRTT	SR3/4 Loading Rack	H_2S				30,31	31
SS335	SS335 Storage Tank	H_2S				30,31	31
SS343	SS343 Storage Tank	H_2S			4	4,30,31	4,31
SS348	SS348 Storage Tank	H_2S				30,31	31
SS390	Storage Tank SS390	H_2S				30,31	31
T1212	T1212 Storage Tank	H_2S				30,31	31
T5808	Storage Tank T5808	H_2S				30,31	31
T5809	Storage Tank T5809	H_2S				30,31	31

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Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
T93401R1	Storage Tank T93401R1	H_2S				30,31	31
TC&G	WW – Thermal Cracking and Gas Treating	H_2S			4,26	4,26,30,31	4,31
TFSCAS	Trickle Filter Sump CAS Vent	H_2S			4,26	4,26,30,31	4,31
VA03	VA03 Storage Tank	H_2S				30,31	31
VA04	VA04 Storage Tank	H_2S				30,31	31
X314	Storage Tank X314	H_2S			4	4,30,31	4,31
X315	Ballast Water Storage Tank	H_2S			3,4,16	3,4,16,30,31	3,4,31
X320	Ballast Water O/S Storage Tank	H_2S			3,4,16	3,4,16,30,31	3,4,31
X330	WW - Equalization Tank	H_2S			4,26	4,26,30,31	4,31
X330SM	WW - Sump	H_2S			4,26	4,26,30,31	4,31
ROUTCAP	**Routine Emissions Cap**	H_2S	6.89	19.93			
CCLP	WW - Cat Cracker Lube Plant	NH_3			4,26	4,26,30,31	4
DD2	WW - Dispatching Distilling 2	NH_3			4,26	4,26,30,31	4
DNF	DNF Float Tank	NH_3			3,4	3,4,30,31	3,4
DOCKS	Dock Wastewater Collection	NH_3			4,26	4,26,30,31	4
F349	Storage Tank F349	NH_3			4	4,30,31	4
F351	Storage Tank F351	NH_3			4,16	4,16,30,31	4
FUGCCU	FCCU Fugitives (5)	NH_3			11,14	11,15,30,31	15
FUGCFH	CFH Fugitives (5)	NH_3			2,4,9,12,14	2,4,9,15,30,31	2,4,15
FUGCOKER	Coke Handling Fugitives (5)	NH_3			2,4,10,12,14	2,4,10,15,30,31	2,4,15
FUGDISP	DISP Fugitives (5)	NH_3			2,4,9,12,14	2,4,15,30,31	2,4,15
FUGDU2	DU2 Fugitives (5)	NH_3			2,4,9,12,14	2,4,9,15,30,31	2,4,15
FUGGFRAC	GFRAC Fugitives (5)	NH_3			2,4,9,12,14	2,4,9,15,30,31	2,4,15

Major NSR Summary Table

Permit Number: 21262 and PSDTX928					Issuance Date: 01/08/2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
FUGGOHT	GOHT Fugitives (5)	NH_3			2,4,10,12,14	2,4,10,15,30,31	2,4,15
H53NN	Catalytic Reformer SCR	NH_3				30,31	
J318B	J318B Storage Tank	NH_3			4,16	4,16,30,31	4
J320	J320 Storage Tank	NH_3			4,16	4,16,30,31	4
J341	Storage Tank J341	NH_3			2,4	2,4,30,31	2,4
MH4CAS	Manhole 4 CAS Vent	NH_3			4,26	4,26,30,31	4
NAB	North Aeration Basin	NH_3			4	4,30,31	4
OWDU1	WW- Sewer Oily Water Hub	NH_3			4,26	4,26,30,31	4
S304	Storage Tank S304	NH_3			4	4,30,31	4
S307	S307 Storage Tank	NH_3			4	4,30,31	4
S310	S310 Storage Tank	NH_3			4	4,30,31	4
S313	S313 Storage Tank	NH_3			4	4,30,31	4
S325	S325 Storage Tank	NH_3				30,31	
S326	S326 Storage Tank	NH_3				30,31	
S343	S343 Storage Tank	NH_3				30,31	
S344	S344 Storage Tank	NH_3				30,31	
S395	S395 Storage Tank	NH_3				30,31	
SAB	South Aeration Basin	NH_3			4	4,30,31	4
SS335	SS335 Storage Tank	NH_3				30,31	
SS348	SS348 Storage Tank	NH_3				30,31	
SS390	Storage Tank SS390	NH_3				30,31	
SS425	SS425 Storage Tank	NH_3			4,16	4,16,30,31	4
T301	T301 Storage Tank	NH_3			3,4,16	3,4,16,30,31	3,4

Major NSR Summary Table

Permit Number: 21262 and PSDTX928				Issuance Date: 01/08/2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
T302	T302 EXTFLT Refinery WW Storage Tank	NH_3			3,4,16	3,4,16,30,31	3,4
T93002	T93002 DEA Storage Tank	NH_3			4	4,30,31	4
TC&G	WW – Thermal Cracking and Gas Treating	NH_3			4,26	4,26,30,31	4
TFSCAS	Trickle Filter Sump CAS Vent	NH_3			4,26	4,26,30,31	4
X314	Storage Tank X314	NH_3			4	4,30,31	4
X322	X322 Storage Tank	NH_3			3,4,16	3,4,16,30,31	3,4
X323	X323 Storage Tank	NH_3			3,4,16	3,4,16,30,31	3,4
X330	WW - Equalization Tank	NH_3			2,4,26	2,4,26,30,31	2,4
X330SM	WW - Sump	NH_3			4,26	4,26,30,31	4
ROUTCAP	**Routine Emissions Cap**	NH_3	4.99	21.18			
MSSCAP	MSS Emissions Cap	CO	189.01	5.94	43,45,46,47,48,51,52	42,43,45,46,48,50,51,52, 53,54,55	
		NOx	14.77	0.70	43,45,46,47,48,51,52	42,43,45,46,48,50,51,52, 54,55	
		PM	19.25	12.40	43,45,46,47,48,51,52	42,43,45,46,48,50,51,52, 53,54,55	
		PM10	19.25	12.40	43,45,46,47,48,51,52	42,43,45,46,48,50,51,52, 53,54,55	
		PM2.5	19.25	12.40	43,45,46,47,48,51,52	42,43,45,46,48,50,51,52, 53,54,55	
		SO2	1560.81	46.07	43,45,46,47,48,51,52	42,43,45,46,48,50,51,52, 53,54,55	
		VOC	2589.87	64.20	43,45,46,46,47,48,51, 52	42,43,45,46,48,50,51,52, 53,54,55	
		Benzene	19.8	0.11	43,45,46,47,48,51,52	42,43,45,46,48,51,52,53, 54,55	
		H_2S	59.86	2.21	43,45,46,47,48,51,52	42,43,45,46,48,50,51,52, 53,54,55	

(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)

VOC	-	volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x	-	total oxides of nitrogen
SO_2	-	sulfur dioxide
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
H_2S	-	hydrogen sulfide
NH_3	-	ammonia

(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.

Texas Commission on Environmental Quality
Air Quality Permit

A Permit Is Hereby Issued To
Shell Chemical, L.P.
Authorizing the Continued Operation of
Shell Oil Deer Park
Located at **Deer Park, Harris County, Texas**
Latitude 29° 43′ 34″ Longitude −95° 8′ 8″

Permit: 37206 and PSDTX896

Issuance Date: February 14, 2020

Expiration Date: February 14, 2030

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 (TAC) Section 116.116 (30 TAC § 116.116)] [1]
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]
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)]
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 in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in 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)] [1]
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 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 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 "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. [1]

[1] Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

Common Acronyms in Air Permits

°C = Temperature in degrees Celsius
°F = Temperature in degrees Fahrenheit
°K = Temperature in degrees Kelvin
µg = microgram
$\mu g/m^3$ = microgram per cubic meter
acfm = actual cubic feet per minute
AMOC = alternate means of control
AOS = alternative operating scenario
AP-42 = Air Pollutant Emission Factors, 5th edition
APD = Air Permits Division
API = American Petroleum Institute
APWL = air pollutant watch list
BPA = Beaumont/ Port Arthur
BACT = best available control technology
BAE = baseline actual emissions
bbl = barrel
bbl/day = barrel per day
bhp = brake horsepower
BMP = best management practices
Btu = British thermal unit
Btu/scf = British thermal unit per standard cubic foot or feet
CAA = Clean Air Act
CAM = compliance-assurance monitoring
CEMS = continuous emissions monitoring systems
cfm = cubic feet (per) minute
CFR = Code of Federal Regulations
CN = customer ID number
CNG = compressed natural gas
CO = carbon monoxide
COMS = continuous opacity monitoring system
CPMS = continuous parametric monitoring system
DFW = Dallas/ Fort Worth (Metroplex)
DE = destruction efficiency
DRE = destruction and removal efficiency
dscf = dry standard cubic foot or feet
dscfm = dry standard cubic foot or feet per minute
ED = (TCEQ) Executive Director
EF = emissions factor
EFR = external floating roof tank
EGU = electric generating unit
EI = Emissions Inventory
ELP = El Paso
EPA = (United States) Environmental Protection Agency
EPN = emission point number
ESL = effects screening level
ESP = electrostatic precipitator
FCAA = Federal Clean Air Act
FCCU = fluid catalytic cracking unit
FID = flame ionization detector
FIN = facility identification number
ft = foot or feet
ft/sec = foot or feet per second
g = gram
gal/wk = gallon per week
gal/yr = gallon per year
GLC = ground level concentration
GLC_{max} = maximum (predicted) ground-level concentration
gpm = gallon per minute
gr/1000scf = grain per 1000 standard cubic feet
gr/dscf = grain per dry standard cubic feet
H_2CO = formaldehyde
H_2S = hydrogen sulfide
H_2SO_4 = sulfuric acid
HAP = hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
HC = hydrocarbons
HCl = hydrochloric acid, hydrogen chloride
Hg = mercury
HGB = Houston/Galveston/Brazoria
hp = horsepower
hr = hour
IFR = internal floating roof tank
in H_2O = inches of water
in Hg = inches of mercury
IR = infrared
ISC3 = Industrial Source Complex, a dispersion model
ISCST3 = Industrial Source Complex Short-Term, a dispersion model
K = Kelvin; extension of the degree Celsius scaled-down to absolute zero
LACT = lease automatic custody transfer
LAER = lowest achievable emission rate
lb = pound
hp = horsepower
hr = hour lb/day = pound per day
lb/hr = pound per hour
lb/MMBtu = pound per million British thermal units
LDAR = Leak Detection and Repair (Requirements)
LNG = liquefied natural gas
LPG = liquefied petroleum gas
LT/D = long ton per day
m = meter
m^3 = cubic meter
m/sec = meters per second
MACT = maximum achievable control technology
MAERT = Maximum Allowable Emission Rate Table
MERA = Modeling and Effects Review Applicability
mg = milligram
mg/g = milligram per gram
mL = milliliter
MMBtu = million British thermal units
MMBtu/hr = million British thermal units per hour
MSDS = material safety data sheet
MSS = maintenance, startup, and shutdown
MW = megawatt
NAAQS = National Ambient Air Quality Standards
NESHAP = National Emission Standards for Hazardous Air Pollutants
NGL = natural gas liquids
NNSR = nonattainment new source review
NO_x = total oxides of nitrogen

NSPS = New Source Performance Standards
PAL = plant-wide applicability limit
PBR = Permit(s) by Rule
PCP = pollution control project
PEMS = predictive emission monitoring system
PID = photo ionization detector
PM = periodic monitoring
PM = total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
$PM_{2.5}$ = particulate matter equal to or less than 2.5 microns in diameter
PM_{10} = total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
POC = products of combustion
ppb = parts per billion
ppm = parts per million
ppmv = parts per million (by) volume
psia = pounds (per) square inch, absolute
psig = pounds (per) square inch, gage
PTE = potential to emit
RA = relative accuracy
RATA = relative accuracy test audit
RM = reference method
RVP = Reid vapor pressure
scf = standard cubic foot or feet
scfm = standard cubic foot or feet (per) minute
SCR = selective catalytic reduction
SIL = significant impact levels
SNCR = selective non-catalytic reduction
SO_2 = sulfur dioxide
SOCMI = synthetic organic chemical manufacturing industry
SRU = sulfur recovery unit
TAC = Texas Administrative Code
TCAA = Texas Clean Air Act
TCEQ = Texas Commission on Environmental Quality
TD = Toxicology Division
TLV = threshold limit value
TMDL = total maximum daily load
tpd = tons per day
tpy = tons per year
TVP = true vapor pressure
VOC = volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VRU = vapor recovery unit or system

Special Conditions

Permit Numbers 37206 and PSDTX896

Emission Limitations and Operating Conditions

1. This permit covers only those sources of emissions listed in the attached table entitled "Emission Sources – Maximum Allowable Emission Rates Table (MAERT)," and those sources are limited to the emission limits and other conditions specified in that attached table.

2. Visible emissions from Emission Point No. (EPN) H87920 shall not exceed an average of 10 percent opacity over a six minute period, except for those periods described in 30 Texas Administrative Code § 111.111 (a)(1)(E) [30 TAC § 111.111 (a)(1)(E)].

   This determination shall be made by first making an observation for visible emissions while the facility is operating. Observations shall be made at least 15 feet and no more than 0.25 mile from the emission point. Contributions from uncombined water shall not be included in determining compliance with this condition. Observations shall be performed and recorded on a quarterly basis. If visible emissions are present during the observation, the permit holder shall either record this as a violation of the opacity limit in this condition or a Method 9 opacity test shall be conducted to determine if this is a violation of the 10 percent opacity limit.

3. The Phenol/Acetone Boiler shall be limited to firing the following fuels:

   A. Refinery fuel gas (RFG) containing no more than 0.1 grain of hydrogen sulfide per dry standard cubic feet (dscf) or 162 parts per million volume (ppmv), on an hourly average basis.

   B. Pipeline-quality, sweet natural gas containing no more than 5.0 grains total sulfur and 0.25 grain of hydrogen sulfide per 100 dry standard cubic feet.

   C. Vent gas from the liquid fuel surge drum.

   D. Liquid waste-derived fuel streams identified in this permit. Liquid streams shall have a sulfur content that does not exceed 0.04 weight percent.

   E. Mixtures of vent gas from the surge drum, natural gas, RFG and liquid waste-derived fuel streams.

   F. Firing of any other fuel will require authorization from the permitting authority.

4. The permittee may not feed liquid waste-derived fuel to the Phenol/Acetone Boiler during start-up or shutdown of the boiler.

5. The permittee shall devise waste feed cutoff procedures to safely stop and/or reduce the flow of liquid waste-derived fuel streams to the Phenol/Acetone Boiler in the event of an upset. Written waste feed cutoff procedures and upset conditions which would initiate waste feed cutoff procedures shall be maintained with the boiler operator at all times. Liquid waste derived fuel streams shall not be fed to the Phenol/Acetone Boiler until the upset conditions that initiated the waste feed cutoff procedures no longer exist.

6. The holder of this permit shall continuously monitor the boiler firebox temperature. The minimum firebox temperature shall be maintained above 1,600 degrees Fahrenheit (°F) while burning liquid waste derived fuel. If the minimum firebox temperature falls below 1,600 degrees Fahrenheit while burning liquid waste-derived fuel, waste feed cutoff procedures shall be initiated to discontinue fuel to the boiler.

7. The combustion gas concentration of carbon monoxide (CO) measured by the CO continuous emission monitoring systems (CEMS) shall not exceed 78 parts per million by dry volume (ppmv) on a 60 minute rolling average when corrected to 7 percent oxygen (O_2), dry basis, in the flue gas.

8. The hourly liquid waste-derived fuel feed rate to the Phenol/Acetone Boiler shall be measured with a flow recording meter. The maximum liquid waste-derived fuel feed rate to the boiler shall be 9,260 pounds per hour (lb/hr).

9. Gaseous fuel flow monitoring is required for all authorized gaseous fuels fired by the boiler. The hourly gaseous fuel feed rate to the Phenol/Acetone Boiler shall be measured with a flow recording meter. The holder of this permit shall install, calibrate, maintain, and operate a system to continuously monitor and record the fuel consumption in the Phenol/Acetone Boiler (EPN: H87920). The systems shall be accurate to ± 5.0 percent of the unit's maximum flow. Calibrations and maintenance must be done according to the manufacturer's instructions. Calibrations must occur on a schedule recommended by the manufacturer or once per year in the absence of any recommendations.

Limitations on Wastes Fired in Phenol/Acetone Boiler

10. No combination of the permitted fuels as fed to the boiler shall exceed 400 million British thermal capacity units per hour (MMBtu/hr) and the annual firing rate shall not exceed an average of 357 MMBtu/hr.

11. Operation above the limitations found in Special Condition Nos. 6, 8, 9, 10 and 12 during testing of the Phenol/Acetone Boiler, as required by 40 CFR Part 266 and 40 CFR Part 63, is allowed. Compliance with the MAERT emission limits will be maintained during such testing.

12. The total ash content of liquid waste-derived fuel fed to the boiler shall not exceed 5.5 pounds per hour. Operation at higher ash feed rates is permissible during initial demonstration of compliance stack testing or during subsequent stack testing authorized under 40 CFR Part 266. If test results indicate that the emissions listed in the attached MAERT are met at higher ash feed rates, the permit holder may request a permit alteration to establish that ash feed rate as the new ash feed rate limitation in this permit special condition.

13. The only two authorized liquid waste-derived fuel streams that may be fired in the boiler are Cracked Process Oil (CP Oil) and Bis-Phenol Acetone heavy ends. Firing of other liquid waste-derived fuel streams is prohibited unless prior approval is obtained from the Texas Commission on Environmental Quality (TCEQ).

14. At the request of the permitting authority, the holder of this permit shall provide a representative analysis and/or sample of the liquid waste-derived fuel as fired. The analysis shall list the organic compounds and show the concentrations of each compound in percent by weight.

Comprehensive Performance Test (CPT) Operating Parameters

15. The Phenol/Acetone Boiler shall meet the following operating requirements as specified in the CPT Report, dated May 13, 2010, the Notice of Compliance (NOC) dated June 24, 2014, and the test completed on July 1, 2016 to demonstrate compliance with Title 40 of the Code of Federal Regulations, Part 63 (40 CFR Part 63), Subpart EEE.

Operating Parameter	Operating Parameter Limit	Unit	Averaging Period[1]
Maximum Total Hazardous Waste Feedrate	10,509	lb/hr	HRA
Minimum Combustion Chamber Temperature	1,974	°F	HRA
Minimum Differential Steam/Oil Pressure Differential	15.13	pounds per square inch gauge (psia)	HRA
Maximum Ash Feedrate	7.31	lb/hr	HRA
Maximum Chlorine Thermal Concentration	5.08E-2	pound per million British thermal unit (lb/MMBtu)	HRA
Maximum SVM Thermal Concentration	8.2E-5	lb/MMBtu	HRA
Maximum LVM Thermal Concentration	1.3E-4	lb/MMBtu	HRA
Maximum Mercury Thermal Concentration	4.2E-5	lb/MMBtu	HRA
CO, corrected to 7% O_2	100	ppm	HRA

[1]HRA – hour rolling average calculated according to 40 CFR 63.1209(b)(5).

If any condition of this permit is more stringent than the operating specification list the table of this Special Condition, then for the purposes of complying with this permit, the more stringent Special Condition shall govern and be the standard by which compliance shall be demonstrated.

Initial Demonstration of Compliance

16. Upon request of the TCEQ Executive Director or delegated representative, the holder of this permit shall perform stack sampling tests to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the Phenol/Acetone Plant Boiler Stack. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his 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 45 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 report.

A written proposed description of any deviation from sampling procedures specified in permit conditions or TCEQ or Environmental Protection Agency (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 Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for New Source Performance Standards (NSPS) testing which must have EPA approval shall be submitted to the TCEQ Regional Office.

B. Air contaminants emitted from the Phenol/Acetone Plant Boiler to be tested for are nitrogen oxides (NO_x), CO, particulate matter, sulfur dioxide, and total unburned hydrocarbons (excluding methane and ethane).

C. Sampling shall occur within 60 days after the Phenol/Acetone Plant Boiler achieves maximum production but not later than 180 days after start-up of the boiler and at such other times as may be required by the Executive Director of the TCEQ. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office.

D. The sources specified for testing shall operate at maximum heat input during stack emission testing. Primary operating parameters that enable determination of production rate shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the Phenol/Acetone Plant Boiler is unable to operate at maximum rates during testing, then additional stack testing may be required when production rates are increased more than 10 percent above the rate at which testing was performed.

E. One copy of the final sampling report shall be forwarded to the TCEQ Houston Regional Office within 120 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual.

F. Initial compliance testing was completed in July, 2000.

Continuous Demonstration of Compliance

17. The holder of this permit shall install, calibrate, maintain, and operate a CEMS to measure and store the concentrations of NO_x in the Phenol/Acetone Plant Boiler stack. The CEMS used to measure and store the in-stack concentration of NO_x from the Phenol/Acetone Plant Boiler shall be installed, calibrated, and maintained in accordance with the requirements of 40 CFR Part 60.13 and 40 CFR Part 60.48b. In addition, the holder of this permit shall comply with the following:

A. The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and data analysis and reporting requirements specified in the applicable Performance Specifications in 40 CFR Part 60, Appendix B. The performance specification tests (PSTs) shall be conducted prior to or during the sampling required by Special Condition No. 16, and written copies of the results shall be submitted within 120 days of completion of the tests to the TCEQ Houston Regional Office.

B. The 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. Each gaseous monitor shall be quality-assured at least quarterly using cylinder gas audits (CGAs). The CGA method to be used is contained in 40 CFR Part 60, Appendix F, Procedure 1.

C. The gaseous monitoring data shall be reduced to hourly average concentrations at least once everyday, using a minimum of four equally-spaced data points from each one hour period. At least 23 hourly averages shall be generated per day.

D. All CGA exceedances greater than 15 percent shall be reported to the TCEQ Houston Regional Office within 24 hours of detection, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the TCEQ Regional Director.

18. The holder of this permit shall install, calibrate, maintain, and operate a CEMS to measure and store the concentrations of CO in the Phenol/Acetone Plant Boiler stack. Oxygen and CO concentrations shall be measured using CEMS which sample from essentially the same location in the exhaust gas stream. The CO and O_2 CEMS shall be certified for use by meeting the design and performance specifications and passing the field tests in 40 CFR Part 266, Appendix IX, Section 2.0. The O_2 concentrations shall be quantified, stored, and reported as percent by volume on a dry basis. Carbon monoxide concentrations shall be quantified, stored, and reported as parts per million by volume (ppmv), corrected to 7 percent by volume O_2, on a dry basis.

19. The CEMS for CO and O_2 shall be zeroed and spanned daily for each monitoring range on those days when the boiler is in service. Corrective action shall be taken when the 24 hour span drift exceeds two times the amount specified in 40 CFR Part 266, Appendix IX. Each calendar quarter, monitor accuracy shall be certified using a calibration error test as described in 40 CFR Part 266, Section 2.1.6.3. Reference method testing can be substituted for CGAs if preferred by the permittee as allowed by 40 CFR Part 266, Appendix IX, §2.1.10.3. Corrective action shall be taken when the CGA or reference method testing exceeds ±5 percent of span as defined in 40 CFR Part 266, Appendix IX, §2.1.4.7. The CO and O_2 CEMS shall operate at a minimum of 90 percent uptime, based on a 24 hour period, while burning liquid waste derived fuel.

20. At least quarterly, the holder of this permit shall test the total sulfur in the liquid waste derived stream, as identified in Special Condition No. 3, fired in the Phenol/Acetone Boiler. The tests shall be conducted on at least one representative sample. If any of the quarterly tests demonstrate that the sulfur content exceeds 0.04 percent weight, this shall be reported as a violation.

21. At least once annually, a relative accuracy test, a calibration error test, a response time test, and a calibration drift test shall be conducted concurrently during a PST period. This constitutes a PST as specified in 40 CFR Part 266, Appendix IX, §2.1.10.4. These tests shall be conducted using all applicable sections of 40 CFR 266, Appendix IX, §2.1.6 and all applicable test methods found in 40 CFR Part 60, Appendix A.

Fugitives
Piping, Valves, Connectors, Pumps, Agitators, and Compressors – 28VHP

22. The following requirements apply to piping, valves, connectors, pumps, agitators, and compressors containing or in contact with fluids that could reasonably be expected to contain greater than or equal to 10 weight percent volatile organic compounds (VOC) at any time.

    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 pounds per square inch, absolute (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:

    - piping and instrumentation diagram (PID);
    - a written or electronic database or electronic file;
    - color coding;
    - a form of weatherproof identification; or
    - 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 Paragraph 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 isolation of equipment for hot work or 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 cap, blind flange, plug, or second valve must be installed on the line or valve;

  or

- 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 within 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 of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.

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. If a relief valve is equipped with rupture disc, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly 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. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

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 is 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 automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or

magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days and a record of the attempt shall be maintained.

I. A leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (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 shut down as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I) or 500 pounds, whichever is greater, the TCEQ Regional Manager and any local programs shall be notified and the TCEQ Executive Director may require early unit shut down 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 and 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.

Recordkeeping Requirements

23. The following records shall be kept at the plant for the life of the permit. All records required in this permit shall be made available at the request of personnel from the TCEQ, EPA, or any air pollution control agency with jurisdiction.

A. A copy of this permit.

B. Permit application dated December 1997 and February 1999.

C. A complete copy of the testing report and records of the initial performance testing completed pursuant to Special Condition No. 16 to demonstrate initial compliance.

D. Stack sampling results or other testing that may be conducted on units authorized under this permit after the date of issuance of this permit.

E. Written waste feed cutoff procedures and upset conditions which would initiate waste feed cutoff procedures pursuant to Special Condition No. 5.

24. The following information shall be collected and maintained by the holder of this permit in a form suitable for inspection for a period of five years after the data is obtained and shall be made immediately available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction:

A. Records of the CEMS data required by Special Condition Nos. 17, 18, and 19 which includes raw data files of all CEMS data, calibration checks and adjustments, and maintenance performed on these systems of devices in a permanent form suitable for inspection.

B. Records required by Special Condition No. 22 regarding fugitive emission monitoring shall be kept and maintained.

C. Records of hourly average temperature of the Phenol/Acetone Boiler while burning liquid waste-derived fuel to demonstrate compliance with Special Condition No. 6.

D. Records of the hourly feed rate of liquid waste-derived fuel to the Phenol/Acetone Boiler to demonstrate compliance with Special Condition No.8.

E. Records of the hourly fuel feed rate of each gaseous fuel fired by the Phenol/Acetone Boiler to demonstrate compliance with Special Condition No.8 and 9.

F. Records of visible emissions observations and any opacity monitoring conducted as required under Special Condition No. 2.

G. Records of fuel flow monitor maintenance and calibration as required under Special Condition No. 9.

H. Records of operational parameters and limitations per Special Condition No. 15.

Federal Applicability

25. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources promulgated in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60):

A. Subpart A, General Provisions.

B. Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

26. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63:

A. Subpart A, General Provisions.

B. Subpart EEE, National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors

Date: February 14, 2020

Emission Sources - Maximum Allowable Emission Rates

Permit Number 37206 and PSDTX896

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)
H87920	Phenol/Acetone Plant Boiler	NO_x	34.44	123.62
		CO	32.00	93.82
		VOC	1.60	6.25
		SO_2	12.65	34.69
		PM (5)	12.28	48.00
		PM_{10} (5)	12.28	48.00
		$PM_{2.5}$ (5)	12.28	48.00
		PM (6)	65.00	---
		PM_{10} (6)	65.00	---
		$PM_{2.5}$ (6)	65.00	---
FUGBIFBOIL	Piping Fugitives (7)	VOC	0.18	0.8

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
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
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Pounds per hour emission rate without soot blowing, annual emission rate includes soot blowing.
(6) Pound per hour emission rate during soot blowing.
(7) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: February 14, 2020

Project Number: 308223

Texas Commission on Environmental Quality
Air Quality Permit

A Permit Is Hereby Issued To
Shell Chemical LP
Authorizing the Construction and Operation of
Op2 Op3 Units & Olefins Flare System
Located at **Deer Park, Harris County, Texas**
Latitude 29° 43' 34" Longitude −95° 8' 18"

Permits: 3219 and PSDTX974

Revision Date: March 12, 2021

Expiration Date: September 9, 2029

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 (TAC) Section 116.116 (30 TAC § 116.116)] [1]
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]
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)]
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 in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in 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)] [1]
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 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 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 "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. [1]

[1] Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

Common Acronyms in Air Permits

°C = Temperature in degrees Celsius
°F = Temperature in degrees Fahrenheit
°K = Temperature in degrees Kelvin
µg = microgram
$\mu g/m^3$ = microgram per cubic meter
acfm = actual cubic feet per minute
AMOC = alternate means of control
AOS = alternative operating scenario
AP-42 = Air Pollutant Emission Factors, 5th edition
APD = Air Permits Division
API = American Petroleum Institute
APWL = air pollutant watch list
BPA = Beaumont/ Port Arthur
BACT = best available control technology
BAE = baseline actual emissions
bbl = barrel
bbl/day = barrel per day
bhp = brake horsepower
BMP = best management practices
Btu = British thermal unit
Btu/scf = British thermal unit per standard cubic foot or feet
CAA = Clean Air Act
CAM = compliance-assurance monitoring
CEMS = continuous emissions monitoring systems
cfm = cubic feet (per) minute
CFR = Code of Federal Regulations
CN = customer ID number
CNG = compressed natural gas
CO = carbon monoxide
COMS = continuous opacity monitoring system
CPMS = continuous parametric monitoring system
DFW = Dallas/ Fort Worth (Metroplex)
DE = destruction efficiency
DRE = destruction and removal efficiency
dscf = dry standard cubic foot or feet
dscfm = dry standard cubic foot or feet per minute
ED = (TCEQ) Executive Director
EF = emissions factor
EFR = external floating roof tank
EGU = electric generating unit
EI = Emissions Inventory
ELP = El Paso
EPA = (United States) Environmental Protection Agency
EPN = emission point number
ESL = effects screening level
ESP = electrostatic precipitator
FCAA = Federal Clean Air Act
FCCU = fluid catalytic cracking unit
FID = flame ionization detector
FIN = facility identification number
ft = foot or feet
ft/sec = foot or feet per second
g = gram
gal/wk = gallon per week
gal/yr = gallon per year
GLC = ground level concentration
GLC_{max} = maximum (predicted) ground-level concentration
gpm = gallon per minute
gr/1000scf = grain per 1000 standard cubic feet
gr/dscf = grain per dry standard cubic feet
H_2CO = formaldehyde
H_2S = hydrogen sulfide
H_2SO_4 = sulfuric acid
HAP = hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
HC = hydrocarbons
HCl = hydrochloric acid, hydrogen chloride
Hg = mercury
HGB = Houston/Galveston/Brazoria
hp = horsepower
hr = hour
IFR = internal floating roof tank
in H_2O = inches of water
in Hg = inches of mercury
IR = infrared
ISC3 = Industrial Source Complex, a dispersion model
ISCST3 = Industrial Source Complex Short-Term, a dispersion model
K = Kelvin; extension of the degree Celsius scaled-down to absolute zero
LACT = lease automatic custody transfer
LAER = lowest achievable emission rate
lb = pound
hp = horsepower
hr = hour lb/day = pound per day
lb/hr = pound per hour
lb/MMBtu = pound per million British thermal units
LDAR = Leak Detection and Repair (Requirements)
LNG = liquefied natural gas
LPG = liquefied petroleum gas
LT/D = long ton per day
m = meter
m^3 = cubic meter
m/sec = meters per second
MACT = maximum achievable control technology
MAERT = Maximum Allowable Emission Rate Table
MERA = Modeling and Effects Review Applicability
mg = milligram
mg/g = milligram per gram
mL = milliliter
MMBtu = million British thermal units
MMBtu/hr = million British thermal units per hour
MSDS = material safety data sheet
MSS = maintenance, startup, and shutdown
MW = megawatt
NAAQS = National Ambient Air Quality Standards
NESHAP = National Emission Standards for Hazardous Air Pollutants
NGL = natural gas liquids
NNSR = nonattainment new source review
NO_x = total oxides of nitrogen

NSPS = New Source Performance Standards
PAL = plant-wide applicability limit
PBR = Permit(s) by Rule
PCP = pollution control project
PEMS = predictive emission monitoring system
PID = photo ionization detector
PM = periodic monitoring
PM = total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
$PM_{2.5}$ = particulate matter equal to or less than 2.5 microns in diameter
PM_{10} = total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
POC = products of combustion
ppb = parts per billion
ppm = parts per million
ppmv = parts per million (by) volume
psia = pounds (per) square inch, absolute
psig = pounds (per) square inch, gage
PTE = potential to emit
RA = relative accuracy
RATA = relative accuracy test audit
RM = reference method
RVP = Reid vapor pressure
scf = standard cubic foot or feet
scfm = standard cubic foot or feet (per) minute
SCR = selective catalytic reduction
SIL = significant impact levels
SNCR = selective non-catalytic reduction
SO_2 = sulfur dioxide
SOCMI = synthetic organic chemical manufacturing industry
SRU = sulfur recovery unit
TAC = Texas Administrative Code
TCAA = Texas Clean Air Act
TCEQ = Texas Commission on Environmental Quality
TD = Toxicology Division
TLV = threshold limit value
TMDL = total maximum daily load
tpd = tons per day
tpy = tons per year
TVP = true vapor pressure
VOC = volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VRU = vapor recovery unit or system

Special Conditions

Permit Numbers 3219 and PSDTX974

Emission Standards

1. This permit authorizes emissions only 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 that table and other operating requirements specified in the special conditions.

2. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing volatile organic compounds (VOC) at a concentration of greater than 1 percent are not authorized by this permit unless authorized on the MAERT. Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than 1 weight percent are not consistent with good practice for minimizing emissions.

Federal Applicability

3. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61:

   A. Subpart A, General Provisions.

   B. Subpart J, National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene.

   C. Subpart V, National Emission Standard for Equipment Leaks (Fugitive Emission Sources).

   D. Subpart FF, National Emission Standard for Benzene Waste Operations.

4. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63:

   A. Subpart A, General Provisions.

   B. Subpart YY, National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards.

   C. Subpart FFFF, National Emission Standard for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing.

Fugitive Emissions

5. Piping, Valves, Connectors, Pumps, Agitators, and Compressors in Volatile Organic Compounds (VOC) Service - 28VHP

   The following requirements apply to piping, valves, connectors, pumps, agitators, and compressors containing or in contact with fluids that could reasonably be expected to contain greater than or equal to 10 weight percent volatile organic compounds (VOC) at any time.

   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 pounds per square inch, absolute (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:

- piping and instrumentation diagram (PID);
- a written or electronic database or electronic file;
- color coding;
- a form of weatherproof identification; or
- 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 Paragraph 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 isolation of equipment for hot work or 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;

(1) a cap, blind flange, plug, or second valve must be installed on the line or valve;

or

(2) 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 within 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 of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.

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. If a relief valve is equipped with rupture disc, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly 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. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

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 is 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 automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days and a record of the attempt shall be maintained.

I. A leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (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 shut down as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I) or 500 pounds, whichever is greater, the TCEQ Regional Manager and any local programs shall be notified and the TCEQ Executive Director may require early unit shut down 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.

Emission Standards

6. Emission limits are based upon feed rates represented in the permit applications dated November 20, 2017 and July 19, 2018. Feed rates shall not exceed these representations without prior approval from the permitting authority. Records shall be kept at the plant site of the quantity of feed stream to the flares and copies of the permit application dated November 20, 2017 and July 19, 2018. to demonstrate compliance with this special condition. Records shall be made readily available to TCEQ personnel upon request or any local pollution control program with jurisdiction.

7. The AC/MAP Converter regenerations emissions shall be directed to one of the ethylene furnaces designated as Facility Identification Number (FIN) FP31090 and/or FP31100 and Emission Point Number (EPN) OL3FURN15 authorized in Permit Number 3214 or to the atmosphere designated as EPN VOL411/412.

   This permit authorizes emissions from the AC/MAP Converter Regenerations designated as EPN VOL411/412 for a total of six regenerations during a rolling 12-month period.

These emissions are subject to the maximum allowable emission rates indicated on the MAERT. Records shall be kept at the plant demonstrating compliance with this representation for the last two years. **(03/21)**

8. The permit holder shall notify the appropriate TCEQ Regional Office and the appropriate local air pollution control agencies of any violations of the visible emission requirements of 30 TAC § 111.111(a)(4)(A). Line plugging, purging of refrigerant exchangers and AC or MAP converter swaps are part of the normal operating process.

Flares

9. Each flare 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 at all times when emissions may be vented to them.

      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 regional office (or is required per NSPS Subpart) to demonstrate compliance with these requirements.

   B. 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 infrared monitor, or an approved equivalent device. 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.

   C. The flare shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. This shall be ensured by the use of steam or air assist to the flare when warranted by waste gas requirements.

   D. The permit holder shall install a continuous flow monitor and composition analyzer that provide a record of the vent stream flow and composition (total VOC or Btu content) to the flare. The flow monitor sensor and analyzer sample points shall be installed in the vent stream 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 monitors shall be calibrated on an annual basis to meet the following accuracy specifications: the flow monitor shall be ±5.0 percent, temperature monitor shall be ±2.0 percent at absolute temperature, and pressure monitor shall be ±5.0 mm Hg.

      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 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).

If a calorimeter is used, it 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.

The flow monitors and composition analyzers shall operate as required by this section at least 95% of the time when the flare is operational, averaged over a rolling 12-month period. Flared gas net heating value and actual exit velocity determined in accordance with 40 CFR § 60.18(f)(4) shall be recorded at least once every 15 minutes. Hourly mass emission rates shall be determined and recorded using the above readings and the emission factors used in the permit application, PI-1R dated November 20, 2017.

E. In lieu of the monitoring requirements in Paragraph D of this condition, the flare may comply with the monitoring and testing requirements of 30 TAC §§ 115.725(d), effective December 23, 2004, as specified in 30 TAC Chapter 115 Subchapter H, Division 1.

Cooling Tower

10. The cooling tower (EPN OP2) shall be operated and monitored in accordance with the following:

A. The cooling tower water shall be monitored monthly for total strippable VOC leakage from heat exchangers in accordance with the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or another air stripping method approved by the TCEQ Executive Director.

Cooling tower water VOC concentrations above 0.7 lb per million gallons indicate faulty equipment. Equipment shall be maintained so as to minimize VOC emissions into the cooling water. 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.

Emissions from the cooling tower are not authorized if the VOC concentration of the water returning to the cooling tower exceeds 7 lb per million gallons are not subject to extensions for delay of repair under this permit condition. The results of the monitoring and maintenance efforts shall be recorded.

B. The cooling tower shall be monitored and records shall be maintained as specified in 30 TAC Chapter 115, Subchapter H, Division 2, regarding cooling tower heat exchange systems effective December 23, 2004.

11. The cooling towers (EPN OP2) shall be operated and monitored in accordance with the following:

A. Cooling towers shall each be equipped with drift eliminators having manufacturer's design assurance of 0.005% drift or less. Drift eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.

B. Total dissolved solids (TDS) shall not exceed 4,000 parts per million by weight (ppmw). Dissolved solids in the cooling water drift are considered to be emitted as PM, PM_{10}, and $PM_{2.5}$ as represented in the permit application calculations.

C. Cooling towers shall be analyzed for particulate emissions using one of the following methods:

(1) Cooling water shall be sampled at least once per day for total dissolved solids (TDS); or

(2) TDS monitoring may be reduced to weekly if conductivity is monitored daily and TDS is calculated using a ratio of TDS-to-conductivity (in ppmw per µmho/cm or ppmw/siemens). The ratio of TDS-to-conductivity shall be determined by concurrently monitoring TDS and conductivity on a weekly basis. The permit holder may use the average of two consecutive TDS-to-conductivity ratios to calculate daily TDS; or

(3) TDS monitoring may be reduced to quarterly if conductivity is monitored daily and TDS is calculated using a correlation factor established for each cooling tower. The correlation factor shall be the average of nine consecutive weekly TDS-to-conductivity ratios determined using C(2) above provided the highest ratio is not more than 10% larger than the smallest ratio.

(4) The permit holder shall validate the TDS-to-conductivity correlation factor once each calendar quarter. If the ratio of concurrently sampled TDS and conductivity is more than 10% higher or lower than the established factor, the permit holder shall increase TDS monitoring to weekly until a new correlation factor can be established.

D. Cooling water sampling shall be representative of the cooling tower feed water and shall be conducted using approved methods.

(1) The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, or SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water]. Water samples should be capped upon collection, and transferred to a laboratory area for analysis.

(2) The analysis method for conductivity shall be either ASTM D1125-14 Test Method A (field or routine laboratory testing) or ASTM D1125-14 Test Method B (continuous monitor). The analysis may be conducted at the sample site or with a calibrated process conductivity meter. If a conductivity meter is used, it shall be calibrated at least annually. Documentation of the method and any associated calibration records shall be maintained.

(3) Alternate sampling and analysis methods may be used to comply with D(1) and D(2) with written approval from the TCEQ Regional Director.

(4) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.

E. Emission rates of PM, PM_{10} and $PM_{2.5}$ shall be calculated using the measured TDS and the ratio or correlation of TDS to conductivity measurements, the design drift rate and the daily maximum and average actual cooling water circulation rate for the short term and annual average rates. Alternately, the design maximum circulation rate may be used for all calculations. Emission records shall be updated monthly.

F. The permit holder shall ensure that the cooling tower is operated in accordance with the special conditions no later than 180 days from the date of the permit issuance of this renewal and amendment project, forms PI-1R dated November 20, 2017and PI-1 dated July 5, 2018.

Storage Tanks

12. The following requirements pertain to storage and loading devices:

A. The control requirements specified in paragraphs B through E of this condition 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 deck or “roof” or equivalent control shall be installed. A domed external floating roof tank is equivalent to an internal floating roof tank. The floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: (1) a liquid-mounted seal, (2) two continuous seals mounted one above the other, or (3) a mechanical shoe seal.

C. An open-top tank containing a floating roof (external floating roof tank) which uses double seal or secondary seal technology shall be an approved control alternative to an internal floating roof 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 weather shield 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 permit holder shall perform the visual inspections and seal gap measurements as specified in (1) 40 CFR § 60.113b, Testing and Procedures (as amended at 54 FR 32973, Aug. 11, 1989) or (2) 40 CFR §63.1063(d), at the frequencies specified in 40 CFR §63.1063(c) to verify seal integrity. Fitting integrity verification is only required during internal tank inspections when the tank is out of service. Records shall be maintained of the dates seals were inspected and seal gap measurements made, results of inspections and measurements made (including raw data), and actions taken to correct any deficiencies noted.

E. The floating roof design shall incorporate sufficient flotation to conform to the requirements of API Code 650 dated November 1, 1998, except that an internal floating cover need not be designed to meet rainfall support requirements and the materials of construction may be steel or other materials.

F. Except for labels, logos, etc. not to exceed 15 percent of the tank total surface area, uninsulated tank exterior surfaces exposed to the sun shall be white or unpainted aluminum. Storage tanks must be equipped with permanent submerged fill pipes.

G. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all storage tanks during the previous calendar month and the past consecutive 12 month period. The record shall include tank identification number, control method used, tank capacity in gallons, name of the material stored, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit, VOC vapor pressure at the monthly average material temperature in psia, VOC throughput for the previous month and year-to-date. Records of VOC monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.

Emissions from tanks shall be calculated using the methods that were used to determine the MAERT limits in the permit application, Form PI-1R dated November 20, 2017. Sample calculations from the application shall be attached to a copy of this permit at the plant site

H. Tanks are approved to store the liquids listed on the table below. Records shall be kept to demonstrate compliance. The information shall be maintained by the permit holder and shall be made available upon request to TCEQ personnel or any local air pollution control agency having jurisdiction. Authorization to store different material shall require an appropriate permit application or the use of permits by rule under 30 TAC Chapter 106.**(03/21)**

Tank EPN	Tank Type	Source Name	Service
K306	VFR	Pitch Storage Tank	Blended Pitch
K307	VFR	Pitch Storage Tank	Blended Pitch

Tank EPN	Tank Type	Source Name	Service
T331	VFR	Blended Pitch Tank	Blended Pitch
TOL400	VFR	Flush Oil Storage Tank	Gas Oil
TOL401	VFR	Alcohol Storage Tank	Isopropyl Alcohol
TOL901	Domed EFR	Pyrolysis Gasoline Storage Tank	Pyrolysis Gasoline / Recovered Oil & Wastewater (T/A Storage)
TOL902	VFR	Gas Oil Storage Tank	Gas Oils and Kerosene
TOL903	VFR	Gas Oil Storage Tank	Algerian Condensate, Gas Oil, VGO, Diesel
TOL904	IFR	Recovered Oil Storage Tank	Recovered Oil / Wastewater
TOL908	VFR	Pitch Storage Tank	Pitch
TOL909	VFR	Gas Oil Storage Tank	Cracked Light Gas Oil
TOL910	VFR	Gas Oil Storage Tank	Cracked Heavy Gas Oil
TOL914	VFR	Pitch Storage Tank	Pitch

Planned Maintenance, Start-Up, and Shutdown (MSS)

13. This permit authorizes the emissions from the planned MSS activities summarized in the MSS Activity Summary (Attachment C) attached to this permit. In addition, emission events are not authorized by this permit.

    Attachment A identifies the inherently low emitting MSS activities that may be performed at the plant. Emissions from activities identified in Attachment A 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 A 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 B may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment B 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 A or B 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 and 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.

Emissions from all completed planned MSS activities shall be summed monthly and the rolling 12-month emissions shall be updated by the end of the month following the activity.

14. Process units and facilities, with the exception of those identified in Attachment A, shall be depressurized, emptied, degassed, and placed in service in accordance with the following requirements:

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 partial pressure 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. 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 partial pressure is greater than 0.50 psi at either the normal process temperature, any vents in the system must be routed to a control device or a controlled recovery system. 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 or storage vessels must 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 unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid must 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 partial pressure 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 facilities to be degassed shall not be vented directly to atmosphere, except as necessary to establish isolation of the work area or to monitor VOC concentration following controlled depressurization. The venting shall be minimized to the maximum extent practicable and actions taken recorded. The control device or recovery system utilized shall be recorded with the estimated emissions from controlled and uncontrolled degassing calculated using the methods that were used to determine allowable emissions for the permit application.

(1) For MSS activities identified in Attachment B, 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. If the process equipment is purged with a gas, two system volumes of purge gas must have passed through the control device or controlled recovery system 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 SC No. 15. 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 10,000 ppmv or 10 percent of the LEL.

E. Gases and vapors (including vapors from residual liquids) with VOC partial pressure 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 contaminant to be vented to atmosphere during shutdown or start-up, as applicable

Except when identified for an activity on Attachment A, all instances of venting directly to the atmosphere per Paragraph E of this special condition 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 or equivalent, or in the form of a procedure, a report, or database entry for those planned MSS activities identified in Attachment B.

15. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below:

A. The 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 such that the response factor of the VOC (or mixture of VOCs) to be monitored shall be less than 2.0. The calibration gas and the gas to be measured, and its approximate response factor shall be recorded.

(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 5 minutes, recording VOC concentration each minute. The highest measured VOC concentration shall not exceed the specified VOC concentration limit prior to uncontrolled venting.

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 two samples taken at least five 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 with a certified pentane gas standard at 25% of the LEL for pentane. 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 or isobutylene 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.

16. This condition applies only to piping and components subject to leak detection and repair monitoring requirements identified in other NSR permits. 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 isolation of equipment for hot work or 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 by the end of the 72 hours 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 of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.

17. 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 SC Nos.13 through 16 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.

Compliance Assurance Monitoring (CAM)

18. The following requirements apply to the capture systems for the OP-2 Elevated Flare, the OP 3 Elevated Flare, and the OP-3 Ground Flare, identified as EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA, respectively.

    A. The holder of this permit shall perform one of the following:

        (1) During each calendar month, conduct a visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or

        (2) During each calendar year, verify the capture system is leak free by inspecting in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppmv above background.

    B. The control devices identified as EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA shall each 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 prevent flow out the bypass.

Recordkeeping

19. The recordkeeping requirement of SC No. 12 shall not apply to storage tanks less than 100 gallons in capacity and storing a chemical with a true vapor pressure at or less than 0.01 psia.

    Storage Tanks (EPNs TOL400, TOL908, TOL909, TOL910, and TOL914) are exempt from the submerged fill pipe requirements of SC No. 12F.

    Fixed roof tanks EPNs TOL400 and TOL909 shall be loaded in a manner equivalent to submerged fill.

Date: March 12, 2021

Permit Number 3219 and PSDTX974

Attachment A

Inherently Low Emitting Activities

Activity	Emissions				
	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			x	
Calibration of analytical equipment	x	x	x		x
Carbon can 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				

Date: September 9, 2019

Permit Number 3219 and PSDTX974

Attachment B

Routine Maintenance Activities

Pump repair/replacement

Fugitive component (valve, pipe, flange) repair/replacement

Compressor repair/replacement

Heat exchanger repair/replacement

Vessel repair/replacement

Furnace repair/replacement

Date: September 9, 2019

Permit Number 3219 and PSDTX974

Attachment C

MSS Activity Summary

Facilities	Emissions Activity	EPN
OP-2 and OP-3 Units	AC Converter Swap	Flares
OP-2 and OP-3 Units	Amine Bypass	Flares
OP-2 and OP-3 Units	Bed Swap	Flares
OP-2 and OP-3 Units	Core Wash	Flares
OP-2 and OP-3 Units	Drier Swap	Flares
All process units	Filter Swap	Flares
All process units	Instrumentation Testing	Flares
All process units	Lube Oil Set Maintenance and Testing	Flares
All process units	Driver Equipment (Pumps, Turbines, Etc.) Lubrication	Flares
OP-2 and OP-3 Units	MAP Converter Swap	Flares
PSA Unit	PSA S/U and S/D	Flares
All process units	Reboiler Swap	Flares
All process units	Steam, Curtailment	Flares
CIPX Unit	CIPX Unit Start-Up/ Shutdown	Flares
HT-2 Unit	HT-2 Train 2 Start-Up/ Shutdown	Flares, Furnaces
IRU	IRU Unit Start-Up/ Shutdown	Flares

Facilities	Emissions Activity	EPN
HT-3 Unit	HT-3 Unit Start-Up/ Shutdown	Flares
BBHT Unit	BBHT Unit Start-Up/ Shutdown	Flares
BD-3 Unit	BD-3 Unit Start-Up/ Shutdown	Flares
OP-2 Unit	OP-2 Unit Start-Up/ Shutdown	Flares
OP-3 Unit	OP-3 Unit Start-Up/ Shutdown	Flares
CIPX, HT-2, HT-3, IRU, BBHT, BD-3 Units	Heavy Olefin SD/M/SU	Flares, Furnaces
All process units	Steam Loss	Flares
All process units	Maintenance	Flares
All process units	Pump Switching	Flares
OP-2 Unit	Unit decontamination	OP2DCN
OP-2 Unit	Piping fugitives	OP2MSSFUG
OP-2 Unit	Equipment/Vessel decontamination	OP2PMPDCN

Facilities	Emissions Activity	EPN
OP-2 Unit	Sample loading	OP2SAMPL
OP-3 Unit	Unit decontamination	OP3DCN
OP-3 Unit	Piping fugitives	OP3MSSFUG
OP-3 Unit	Equipment/Vessel decontamination	OP3PMPDCN
OP-3 Unit	Sample loading	OP3SAMPL

Notes:

1. Flares refers to EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA.

2. Furnaces refers to EPNs FOL601, FOL602, FOL603, FOL604 authorized in Permit Number 3216.

Date: September 9, 2019

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 3219 and PSDTX974

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)
K306	Pitch Storage Tank	VOC	10.80	4.60
K307	Pitch Storage Tank	VOC	10.80	4.60
OP2	Cooling Water Tower (5)	VOC	5.54	24.30
		PM	16.01	35.07
		PM_{10}	6.14	22.27
		$PM_{2.5}$	0.03	0.08
OP2ELFLA, OP3ELFLA, and OP3GRFLA	OP-2 Elevated Flare, OP-3 Elevated Flare, and OP-3 Ground Flare (7)	CO (6)	414.30	--
		H_2S	5.13	--
		NO_x	80.40	--
		SO_2	503.30	--
		VOC	464.30	--
OP2ELFLA, OP3ELFLA, and OP3GRFLA	OP-2 Elevated Flare, OP-3 Elevated Flare, and OP-3 Ground Flare (8)	CO	4075.22	--
		NO_x	791.08	--
		VOC	3740.10	--
OP2ELFLA, OP3ELFLA, and OP3GRFLA	OP-2 Elevated Flare, OP-3 Elevated Flare, and OP-3 Ground Flare (7) (8)	CO (6)	--	323.00
		H_2S	--	7.80
		NO_x	--	61.50
		SO_2	--	736.10
		VOC	--	369.20
T331	Blended Pitch Tank	VOC	10.80	4.60
TOL400	Flush Oil Storage Tank	VOC	5.22	0.30
TOL401	Alcohol Storage Tank	VOC	15.98	0.14
TOL901	Pyrolysis Gasoline Storage Tank	VOC	0.86	1.85
TOL902	Gas Oil Storage Tank	VOC	74.80	25.10
TOL903	Gas Oil Storage Tank	VOC	74.80	7.80
TOL904	Recovered Oil Storage Tank	VOC	0.30	0.69

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
TOL908	Pitch Storage Tank	VOC	2.45	3.40
TOL909	Gas Oil Storage Tank	VOC	1.17	1.20
TOL910	Gas Oil Storage Tank	VOC	0.14	0.10
TOL914	Pitch Storage Tank	VOC	6.40	32.25
VOL411/412	OP-2 AC/MAP Converter Regeneration Vent	CO	2.60	2.90
OP2FUG	OP-2 Process Fugitives (5)	VOC	16.09	70.49
		CO	0.10	0.43
		H_2S	0.01	0.06
OP2DCN	OP-2 Unit Decontamination (8)	H_2S	0.50	0.01
		VOC (9)	27.31	0.05
		Benzene	0.95	0.01
OP2MSSFUG	OP-2 Maintenance, Startup, and Shutdown (MSS) Stream Fugitive (5) (8)	VOC (9)	5.18	0.62
		Benzene	0.18	0.02
OP2PMPDCN	OP-2 Equipment/Vessel Decontamination (8)	VOC (9)	15.00	0.08
		Benzene	0.52	0.01
OP2SAMPL	OP-2 Sample Loading Emissions (8)	VOC (9)	0.09	0.02
		Benzene	0.01	0.01
OP3DCN	OP-3 Unit Decontamination (8)	H_2S	1.05	0.01
		VOC (9)	59.27	0.12
		Benzene	2.39	0.01
OP3MSSFUG	OP-3 MSS Stream Fugitive (5) (8)	VOC (9)	5.18	0.62
		Benzene	0.18	0.02
OP3PMPDCN	OP-3 Equipment/Vessel Decontamination (8)	VOC (9)	15.00	0.08
		Benzene	0.52	0.01
OP3SAMPL	OP-3 Sample Loading Emissions (8)	VOC (9)	0.09	0.02
		Benzene	0.01	0.01
OFGRFUG	Fugitive Sources for Flare Gas Recovery System (5)	VOC	0.95	4.17
		H_2S	<0.01	<0.01
		CO	<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)
OFGRDCN	Flare Gas Recovery System Decontamination (8)	VOC	0.44	<0.01
		H_2S	0.02	<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) CO - carbon monoxide
H_2S - hydrogen sulfide
NO_x - total oxides of nitrogen
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
SO_2 - sulfur oxides
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission Point Nos. (EPNs) OP2, OP2MSSFUG, OP3MSSFUG, and OFGRFUG are subject to the following mandate: Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
EPN OP2FUG is subject to the following mandate: Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(6) PSDTX974 pollutant.
(7) Emissions from the combined EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA include routine emissions as well as maintenance, start-up, and shutdown (MSS) emissions authorized on December 21, 2007.
(8) MSS emissions authorized in the renewal applicant, Form PI-1R, dated November 27, 2017, and the amendment application, Form PI-1, dated July 24, 2018.
(9) The VOC rates include the benzene emission rates which follow.

Date: September 9, 2019

Texas Commission on Environmental Quality
Air Quality Permit

A Flexible Permit Is Hereby Issued To
Shell Oil Company
Authorizing the Continued Operation of
Shell Oil Deer Park
Located at **Deer Park, Harris County, Texas**
Latitude 29° 43' 20" Longitude −95° 7' 36"

Permits: 21262 and PSDTX928

Issuance Date: January 8, 2021

Expiration Date: January 8, 2031

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. It shall be unlawful for any person to vary from such representation or flexible permit provision if the change will cause a change in the method of control of emissions, the character of the emissions, will relax emission controls or will result in a significant increase in emissions, unless application is made to the executive director to amend the flexible permit in that regard and such amendment is approved by the executive director. [Title 30 Texas Administrative Code (TAC) Sections 116.715(c)(8) and 116.721 (30 TAC § 116.721)] [1]
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]
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 § 116.715(c)(2)]
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 § 116.715(c)(3)]
5. **Sampling Requirements**. If sampling is required, the flexible 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 flexible permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.715(c)(4)]
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 § 116.715(c)(5)]

7. **Recordkeeping.** A copy of the flexible permit along with information and data sufficient to demonstrate continuous compliance with the emission caps and individual emission limitations contained in the flexible permit shall be maintained in a file at the plant site and made available at the request of personnel from the commission or any air pollution control program having jurisdiction. This information shall include, but is not limited to, emission cap and individual emission limitation calculations based on a 12-month rolling basis; emission cap and individual emission limitation calculations corresponding to any short term emission limitation; production records and operating hours; and additional recordkeeping requirements specified in special conditions attached to the flexible permit. Information in the file shall be retained for at least two years following the date that the information or data is obtained. For facilities that normally operate unattended, this information shall be maintained at the nearest staffed location within Texas specified by the permit holder in the permit application. [30 TAC § 116.715(c)(6)]
8. **Maximum Allowable Emission Rates**A flexible permit covers only those sources of emissions and those air contaminants listed in the table entitled "Emission Sources, Emissions Caps and Individual Emission Limitations" in the flexible permit. Each permitted facility, group of facilities or account is limited to the emission limits and other conditions specified in the table in the flexible permit. [30 TAC § 116.715(c)(7)] [1]
9. **Emission Cap Readjustment.** If a schedule to install additional controls is included in the flexible permit and a facility subject to such a schedule is taken out of service, the emission cap contained in the flexible permit will be readjusted for the period the unit is out of service to a level as if no schedule had been established. Unless a special condition specifies the method of readjustment of the emission cap, a permit alteration shall be obtained. [30 TAC § 116.715(c)(9)]
10. **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 flexible permit holder shall provide notification 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 § 116.715(c)
11. **Compliance with Rules**. Acceptance of a flexible permit by an applicant constitutes an acknowledgment and agreement that the flexible permit holder will comply with all rules 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 flexible permit. [30 TAC § 116.715(c)(11)]
12. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
13. **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 § 116.715(d)]
14. **Emissions** from this facility must not cause or contribute to "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.
15. **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. [1]

[1] Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

Common Acronyms in Air Permits

°C = Temperature in degrees Celsius
°F = Temperature in degrees Fahrenheit
°K = Temperature in degrees Kelvin
µg = microgram
$\mu g/m^3$ = microgram per cubic meter
acfm = actual cubic feet per minute
AMOC = alternate means of control
AOS = alternative operating scenario
AP-42 = Air Pollutant Emission Factors, 5th edition
APD = Air Permits Division
API = American Petroleum Institute
APWL = air pollutant watch list
BPA = Beaumont/ Port Arthur
BACT = best available control technology
BAE = baseline actual emissions
bbl = barrel
bbl/day = barrel per day
bhp = brake horsepower
BMP = best management practices
Btu = British thermal unit
Btu/scf = British thermal unit per standard cubic foot or feet
CAA = Clean Air Act
CAM = compliance-assurance monitoring
CEMS = continuous emissions monitoring systems
cfm = cubic feet (per) minute
CFR = Code of Federal Regulations
CN = customer ID number
CNG = compressed natural gas
CO = carbon monoxide
COMS = continuous opacity monitoring system
CPMS = continuous parametric monitoring system
DFW = Dallas/ Fort Worth (Metroplex)
DE = destruction efficiency
DRE = destruction and removal efficiency
dscf = dry standard cubic foot or feet
dscfm = dry standard cubic foot or feet per minute
ED = (TCEQ) Executive Director
EF = emissions factor
EFR = external floating roof tank
EGU = electric generating unit
EI = Emissions Inventory
ELP = El Paso
EPA = (United States) Environmental Protection Agency
EPN = emission point number
ESL = effects screening level
ESP = electrostatic precipitator
FCAA = Federal Clean Air Act
FCCU = fluid catalytic cracking unit
FID = flame ionization detector
FIN = facility identification number
ft = foot or feet
ft/sec = foot or feet per second
g = gram
gal/wk = gallon per week
gal/yr = gallon per year
GLC = ground level concentration
GLC_{max} = maximum (predicted) ground-level concentration
gpm = gallon per minute
gr/1000scf = grain per 1000 standard cubic feet
gr/dscf = grain per dry standard cubic feet
H_2CO = formaldehyde
H_2S = hydrogen sulfide
H_2SO_4 = sulfuric acid
HAP = hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
HC = hydrocarbons
HCl = hydrochloric acid, hydrogen chloride
Hg = mercury
HGB = Houston/Galveston/Brazoria
hp = horsepower
hr = hour
IFR = internal floating roof tank
in H_2O = inches of water
in Hg = inches of mercury
IR = infrared
ISC3 = Industrial Source Complex, a dispersion model
ISCST3 = Industrial Source Complex Short-Term, a dispersion model
K = Kelvin; extension of the degree Celsius scaled-down to absolute zero
LACT = lease automatic custody transfer
LAER = lowest achievable emission rate
lb = pound
hp = horsepower
hr = hour lb/day = pound per day
lb/hr = pound per hour
lb/MMBtu = pound per million British thermal units
LDAR = Leak Detection and Repair (Requirements)
LNG = liquefied natural gas
LPG = liquefied petroleum gas
LT/D = long ton per day
m = meter
m^3 = cubic meter
m/sec = meters per second
MACT = maximum achievable control technology
MAERT = Maximum Allowable Emission Rate Table
MERA = Modeling and Effects Review Applicability
mg = milligram
mg/g = milligram per gram
mL = milliliter
MMBtu = million British thermal units
MMBtu/hr = million British thermal units per hour
MSDS = material safety data sheet
MSS = maintenance, startup, and shutdown
MW = megawatt
NAAQS = National Ambient Air Quality Standards
NESHAP = National Emission Standards for Hazardous Air Pollutants
NGL = natural gas liquids
NNSR = nonattainment new source review
NO_x = total oxides of nitrogen

NSPS = New Source Performance Standards
PAL = plant-wide applicability limit
PBR = Permit(s) by Rule
PCP = pollution control project
PEMS = predictive emission monitoring system
PID = photo ionization detector
PM = periodic monitoring
PM = total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
$PM_{2.5}$ = particulate matter equal to or less than 2.5 microns in diameter
PM_{10} = total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
POC = products of combustion
ppb = parts per billion
ppm = parts per million
ppmv = parts per million (by) volume
psia = pounds (per) square inch, absolute
psig = pounds (per) square inch, gage
PTE = potential to emit
RA = relative accuracy
RATA = relative accuracy test audit
RM = reference method
RVP = Reid vapor pressure
scf = standard cubic foot or feet
scfm = standard cubic foot or feet (per) minute
SCR = selective catalytic reduction
SIL = significant impact levels
SNCR = selective non-catalytic reduction
SO_2 = sulfur dioxide
SOCMI = synthetic organic chemical manufacturing industry
SRU = sulfur recovery unit
TAC = Texas Administrative Code
TCAA = Texas Clean Air Act
TCEQ = Texas Commission on Environmental Quality
TD = Toxicology Division
TLV = threshold limit value
TMDL = total maximum daily load
tpd = tons per day
tpy = tons per year
TVP = true vapor pressure
VOC = volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VRU = vapor recovery unit or system

Special Conditions

Flexible Permit Numbers 21262 and PSDTX928

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates (MAERT)," 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.

Federal Applicability

2. These facilities shall comply with applicable requirements of the EPA regulations on Standards of Performance for New Stationary Sources, Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60):

   A. Subpart A: General Provisions.

   B. Subpart J: Standards of Performance (SOPs) for Petroleum Refineries.

   C. Subpart Ja: SOPs for Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after May 14, 2007.

   D. Subpart K: SOPs for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction or Modification Commenced after Jun 11, 1973 and Prior to May 19, 1978.

   E. Subpart Ka: SOPs for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction or Modification Commenced after May 18, 1978 and Prior to Jul 23, 1984.

   F. Subpart Kb: SOPs for Volatile Organic Compound (VOC) Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction or Modification Commenced after Jul 23, 1984.

   G. Subpart VV: SOPs for Equipment Leaks of VOC in Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced after Jan 5, 1981 and On or Before Nov 7, 2006.

   H. Subpart GGG: SOPs for Equipment Leaks in VOC in Petroleum Refineries for which Construction, Reconstruction or Modification Commences after Jan 4, 1983 and On or Before Nov 7, 2006.

   I. Subpart GGGa: SOPs for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After November 7, 2006.

   J. Subpart NNN: SOPs for VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations.

   K. Subpart QQQ: SOPs for VOC Emissions from Petroleum Refinery Wastewater Systems.

   L. Subpart RRR: SOPs for VOC Emissions from the SOCMI Reactor Processes.

3. These facilities shall comply with all applicable requirements of EPA regulations on National Emission Standards for Hazardous Air Pollutants (NESHAPS) promulgated in 40 CFR Part 61, as applicable, for:

   A. Subpart A: General Provisions.

   B. Subpart BB: National Emission Standard (NES) for Benzene Emissions from Benzene Transfer Operations.

C. Subpart J: NES for Equipment Leaks (Fugitive Emission Sources) of Benzene.

D. Subpart V: NES for Equipment Leaks (Fugitive Emission Sources).

E. Subpart FF: NES for Benzene Waste Operations.

4. These facilities shall comply with all applicable requirements of EPA regulations on NESHAPS in 40 CFR Part 63:

A. Subpart A: General Provisions.

B. Subpart F: NES for Organic Hazardous Air Pollutants (HAPS) from the Synthetic Organic Chemical Manufacturing Industry (SOCMI).

C. Subpart G: NES for HAPS from SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater.

D. Subpart H: NES for Organic HAPS for Equipment Leaks.

E. Subpart Y: NES for Marine Vessel Loading Operations.

F. Subpart CC: NES for HAPS from Petroleum Refineries.

G. Subpart UUU: NES for HAPS for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recover Units.

H. Subpart DDDDD: NES for HAPs for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.

Emission Standards

5. The following five Process Heaters (Emission Point Numbers [EPNs]: H5100, H5101, H5302, H5303, and H5304) shall achieve a million British thermal units weighted average of 0.04 lb (pound) NO_x/MMBtu with the installation of Low-Nitrogen Oxides (NO_x) burners.

The following Process Heaters (EPNs: H31003, H5104, and H5105) shall operate at 0.06 lb NO_x/MMBtu with the installation of Low-NO_x burners:

The Process Heater (EPN: H5404) shall operate at 0.03 lb NO_x/MMBtu with the installation of Low-NO_x burners.

The SR-8 Incinerator (EPN: SR8STACK) shall operate at 0.08 lb NO_x/MMBtu with the installation of Low-NO_x burners.

Heater (EPN: H3300) shall operate at 0.035 lb NO_x/MMBtu with the installation of Low-NO_x burners.

6. The fluid catalytic cracking unit (FCCU) CO Boiler (EPN: H600) is an affected facility subject to 40 CFR Part 60, Subparts A and J comprehensively including all applicable exemptions, and subject to the following emissions limits:

A. 50 parts per million by volume, dry (ppmvd) SO_2 at 0 percent oxygen (O_2) on a 7-day rolling average

B. 25 ppmvd SO_2 at 0 percent O_2 on a 365-day rolling average

C. 500 ppmvd CO at 0 percent O_2 on a 1-hour average

D. 1 lb of PMfilterable per 1,000 lb of coke burn-off

The following operating parameter limits and cut off compliance levels for determining compliance were approved by the EPA in an alternative monitoring plan pursuant to the requirements of Consent Decree H-01-0978:

E. FCCU WGS Liquid Side Pressure (at the Filter Module Nozzles) = 36 pounds per square inch, gauge (psig)

F. FCCU WGS Pressure Drop (across inlet of filter modules to outlet of Cyclolabs) = 4.0 inches of Water (in. of H2O)

G. FCCU WGS Liquid Side Pressure (at Quench Nozzles) = 23 pounds per inch, gauge (psig)

Initial Stack Testing

7. The holder of this permit shall perform stack testing as referenced below:

A. Stack sampling for Process Heaters (EPNs: H5100, H5101, H5302, H5303, and H5304) that will receive Low-NO_x burners per Special Condition No. 5 shall be performed after installation of the new burners and no later than July 1, 2000. (This requirement for Process Heaters (EPNs: H5100 and H5101) was completed in July 1999)

Stack sampling for Process Heaters (EPNs: H31003, H5104, and H5105, and H5404) shall be performed no later than 180 days following startup of the process heaters or no later than 60 days after achieving maximum rates, whichever is sooner.

Stack sampling for the SR8 Incinerator (EPN: SR8STACK) shall be performed no later than 180 days following start-up of the incinerator or no later than 60 days after achieving maximum rates, whichever is sooner. (This requirement was completed in January 2001.)

Stack sampling for Process Heater (EPN: H613) that will receive Low-NO_x burners per Special Condition No. 5 shall be performed after installation of the new burners and no later than July 1, 2001. (This requirement was completed in September 2000.)

The catalytic cracking unit (CCU) CO Boiler: the need for additional stack testing at the CCU shall be negotiated following the submittal to Texas Commission on Environmental Quality (TCEQ) of the additional information required per Special Condition No. 29.

Stack sampling for the DHT H_2 Heater (EPN: H3300) shall be performed no later than 180 days following start-up of the DHT H_2 Heater.

Stack sampling for the SR-3/4 Incinerator (EPN: SR3/4STACK) shall be performed no later than 180 days following start-up of the modified SR-3/4 Incinerator.

B. 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 45 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 C of this condition shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin.

C. Air contaminants emitted from the process heaters to be tested for include (but are not limited to) CO and NO_x. Specific pollutants to be tested shall be negotiated at pre-test meetings with the TCEQ. Should CCU stack testing be required, air contaminants to be tested for from the CCU shall be determined following submittal of the engineering data as required in Special Condition No. 29.

Air contaminants emitted from the SR-3/4 incinerator (EPN SR3/4STACK) to be tested for include (but are not limited to) SO_2, CO, and NO_x.

D. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office.

E. The facility shall operate at maximum operating rates during stack emission testing. Primary operating parameters that enable determination of production rate shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the facility is unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing. Additional stack testing may be required when higher production rates are achieved.

F. Two copies of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. The reports shall be distributed as follows:

(1) One copy to the TCEQ Houston Regional Office.

(2) One copy to the Harris County Pollution Control Department, Pasadena.

G. Stack sampling for the below EPNs was completed as indicated:

EPN	**Testing Completed Month / Year**
H5404	October 2000
H31003	May 2001
H5104	May 2001
H5105	May 2001

EPN	Testing Completed Month / Year
H600	February 2004
H3300	March 2009
SR3/4STACK	May 2008

Continuous Demonstration of Compliance

8. The holder of this permit shall install, certify, calibrate, maintain, and operate a NO_x, SO_2, CO, and O_2 CEMS in accordance with 40 C.F.R. §§ 60.11, 60.13, and Part 60 Appendices A, B, and F to determine the in--stack concentration of the following:

EPNs				Pollutant	Diluent
H1000	H31001/2	H31003	H5100	*NO_x and CO	O_2
H5101	H5102	H5103	H5105		
H53NN (FINs H5301, H5302, H5303, H5304, H5305, H5350)	H5402	H5404	H5600		
H600				*NO_x, SO_2, and CO	O_2

*These CEMS will be used to demonstrate compliance with the NO_x emissions limits.

The holder of this permit shall install, certify, calibrate, maintain, and operate an SO_2 CEMS in accordance with 40 C.F.R. §§ 60.11, 60.13, and Part 60 Appendices A and B to determine the in-stack concentration of the following:

EPNs					Pollutant	Diluent
SR3/4STACK	SR5STACK	SR6STACK	SR7STACK	SR8STACK	SO_2	O_2

A. The 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 9, 40 CFR Part 60, Appendix B. If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, contact the TCEQ Office of Air, Air Permits Division in Austin for requirements to be met. Performance testing of the CEMS shall be completed within 180 days of the date of installation of the CEMS or within 180 days after initial start-up for new process heaters.

B. The 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 New Source Performance Standards (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. A Cylinder Gas Audit (CGA) conducted in all four calendar quarters may be used in lieu of Relative Accuracy Test Audit (RATA) for non-NSPS sources and for NSPS sources not subject to 40 CFR Part 60, Appendix F.

C. The monitoring data shall be reduced to hourly average concentrations at least once every day, using a minimum of four data points representative of each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emission rate in pounds per hour (lbs/hr) and tons per year (TPY) at least once every month.

D. All CEMS monitoring data, quality-assurance data, and all process computer data shall be maintained by the source for a period of five years starting in 2019. Data shall be made available to the TCEQ Executive Director or his designated representative upon request. The data from the CEMS or process computer may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.

E. All CGA exceedances of 15 percent accuracy and any CEMS downtime greater than 24 hours shall be reported to the appropriate TCEQ Regional Director, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director.

F. 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.

G. The holder of this permit shall conduct performance testing within 180 days after the installation of the first process control computer for purposes of comparing process control computer data with stack testing results. Prior to conducting the performance testing, the holder of this permit shall submit a written proposed description of the testing to be performed to the TCEQ Office of Air, Air Permits Division. Copies of the proposal shall be sent to the TCEQ Houston Regional Office and the Harris County Pollution Control Department in Pasadena. Additionally, a final report comparing the process control computer data with stack testing results shall be submitted to the above-referenced authorities within 60 days of completion of the performance testing.

Piping, Valves, Flanges, Pumps, and Compressors in VOC Service - 28VHP

9. Except as may be provided for in the special conditions of this permit, the following requirements apply to all the equipment covered under this permit except the equipment specified in Special Condition No. 10.

A. These conditions shall not apply:

(1) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 pound per square inch, absolute (psia) at 68 degrees Fahrenheit (°F) or

(2) operating pressure is at least 5 kilopascals (0.725 pound 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), 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.

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 Title 30 Texas Administrative Code Chapter 115 (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 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 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 his 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 his 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.

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.

Connectors in benzene service in the following areas shall be monitored in accordance with the program requirements of Special Condition No. 9 for the Valves: EPNs: FUGDOCK, FUGCR3, and FUGDISP.

Piping, Valves, Flanges, Pumps, and Compressors in VOC Service - Intensive Directed Maintenance - 28MID

10. The following requirements apply to the coker, Sulfur Recovery Units (SRUs) 6, 7, and 8, the HVI Unit, and gas oil hydro-treater.

Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment.

A. These conditions shall not apply:

(1) where the concentration in the stream is less than 10 percent by weight or

(2) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 psia at 68°F or

(3) operating pressure is at least 5 kilopascals (0.725 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 ANSI, API, 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 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.

An approved gas analyzer shall conform to requirements listed in 40 CFR § 60.485(a)-(b).

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. Replaced components shall be re-monitored within 15 days of being placed back into VOC service.

G. All new and replacement pumps and compressors 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 and compressor seals emitting VOC shall be monitored with an approved gas analyzer at least quarterly.

H. Damaged or leaking valves, connectors, compressor seals, and pump seals 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. 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 his designated representative, early unit shutdown or other appropriate action may be required based on the number and severity of tagged leaks awaiting shutdown.

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) x 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. The results of the required fugitive instrument monitoring and maintenance program shall be made available to the TCEQ Executive Director or his 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.

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.

Piping, Valves, Pumps, and Compressors in Hydrogen Sulfide (H_2S) or Ammonia (NH_3) Service

11. Except as may be provided for in the Special Conditions of this permit, the following requirements apply to the above-referenced equipment:

A. Audio, olfactory, and visual checks for leaks within the operating area shall be made once per 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) Use a leak collection and containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.

Date and time of each inspection shall be noted in the operators log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be maintained for a period of five years starting in 2019 and made available to representatives of the TCEQ upon request.

Carbon Compound Waste Gas Streams

12. 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 maximum allowable emission rates table (MAERT). Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than 1 weight percent are not consistent with good practice for minimizing emissions.

    Storage tank vents, cooling tower exhaust, process fugitive emissions, and Vents (V54, V5369, and REFANLZ) are excluded from this requirement. Any other exception to this condition requires prior review and approval by the TCEQ Executive Director, and such exceptions may be subject to strict monitoring requirements.

13. The relief valves listed on Attachment B of this permit are exempt from the control requirements of Special Condition No. 12.

14. The relief valves listed on Attachment C of this permit shall be equipped with a rupture disc no later than the next process shutdown. A pressure-sensing device shall be installed between the relief valve and the rupture disc to monitor disc integrity.

    All leaking rupture discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

15. The holder of this permit shall maintain records documenting all incidents which involve the opening of a relief valve that relieves to the atmosphere. In the event that any single relief valve relieves to the atmosphere two or more times within a 12-month period, the holder of this permit shall submit a report to the TCEQ within 45 days of the second relief incident which proposes a plan to prevent multiple reliefs for that valve.

Storage and Loading of VOC

16. Tanks are subject to the control requirements below:

    A. The control requirements specified in paragraphs B through E of this condition 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 95°F, whichever is greater, or (2) to storage tanks smaller than 25,000 gallons or (3) to IFR tanks that store material where the VOC has an aggregate partial pressure of less than 0.5 psia. When storing material in IFR tanks, where the VOC has an aggregate partial pressure of less than 0.5 psia, the following shall apply to those specific tanks:

        (1) General Condition No. 9 of this permit relating to maintenance of emission control is superseded by this special condition.

        (2) Change of service of IFR tanks, for which seal and roof inspections have not been required per this special condition, to storage of material where the VOC has an aggregate partial pressure of greater than 0.5 psia, must be preceded by a seal inspection and any necessary seal repairs. The type of inspection shall conform to all applicable requirements of 40 CFR § 60.113b(a) or 40 CFR § 63.1063. For purposes of determining the type of inspection referenced in these sections, the inspection intervals defined in 40 CFR § 60.113b(a)(4) and 40 CFR § 63.1063(c)(1) will be

measured in calendar years and will include periods of time in which the material being stored has an aggregate partial pressure of less than 0.5 psia.

(3) Emissions from IFRs for which this exemption is claimed shall be calculated using the equations from EPA AP-42 for fixed-roof tanks.

(4) Increase in emissions resulting from calculation as a fixed-roof tank shall be absorbed under the existing VOC cap in this flexible permit.

(5) The holder of this permit may elect to inspect and maintain the floating roof seals and, thereby, take credit for the resulting emission reduction.

(6) This exemption from inspection and maintenance shall not supersede any applicable requirements of NSPS or NESHAPS.

B. For any tank for which controls are required in order to meet the flexible permit cap, the floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the IFR: (1) a liquid-mounted seal, (2) two continuous seals mounted one above the other, or (3) a mechanical shoe seal. Installation of equivalent control requires prior review and approval by the TCEQ Executive Director.

C. An open-top tank containing a floating roof (EFR tank) 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 weather shield 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 permit holder shall perform the visual inspections and any seal gap measurements to verify seal integrity as specified in either: (1) 40 CFR § 60.113b Testing and Procedures, or (2) 40 CFR § 63.1063 Floating Roof Requirements to verify fitting and seal integrity. Records shall be maintained of the dates inspections were performed, any measurements made, results of inspections and measurements made (including raw data), and actions taken to correct any deficiencies noted.

E. The floating roof design shall incorporate sufficient flotation to conform to the requirements of API Code 650, or an equivalent degree of flotation, except that an internal floating cover need not be designed to meet rainfall support requirements; and the materials of construction may be steel or other materials.

F. Uninsulated tank exterior surfaces exposed to the sun shall be white or aluminum with the exception of those tanks dedicated to pitch or heavy oil service, in which case the surfaces are painted black to absorb sunlight to assist in warming the tank contents.

G. Emissions from all tanks and loading operations associated with this permit shall be calculated using the methods described in Attachment F of these Special Conditions consistent with the flexible permit applications submitted on August 15, 1995, February 10, 1997, December 23, 1998, August 2017, and updates.

The permit holder shall maintain a record of tank throughput for the previous month and the past consecutive 12 month period for each tank.

Coke Handling

17. Coke stockpiles shall be sprinkled with water and/or chemicals as necessary to control coke dust emissions to the minimum level possible under existing conditions.

18. The moisture content of all coke primary storage pads shall be maintained at no less than 7 percent moisture at all times in order to minimize fugitive dust emissions. Coke shall be tested for moisture content three times per week. Records shall be maintained for a period of five years starting in 2019.

19. All conveyors shall be covered and water sprays shall be installed and operated as necessary at all coke product transfer points in order to control coke dust emissions to the minimum level possible under existing conditions.

Sulfur Units

20. The minimum sulfur recovery efficiency for these permitted units (taken as a whole) shall be 99.8 percent. In addition, the minimum sulfur recover efficiency for SRU-8 (EPN SR8STACK) alone shall be 99.8 percent. The sulfur recovery efficiency shall be determined by calculation as follows:

    Efficiency = 100 (1- S stack/S feed)

    Where: Efficiency = sulfur recovery efficiency, percent

    S feed = total sulfur in SRU feed, lbs/hr

    S stack = sulfur in incinerator stack, lbs/hr

    The average sulfur emission reduction efficiency (sulfur recovery efficiency) shall be demonstrated for each calendar day by a mass balance calculation using data obtained from the incinerator stack SO_2 monitor, feed sulfur and composition data, and other process flow data. Periods of upset or maintenance emissions shall not be included in determining recovery efficiency. The maximum duration of any Shell Claus off-gas treating unit maintenance outage that may be excluded from recovery efficiency calculations is 12 hours. Records and copies of the compliance calculations shall be maintained on-site for a period of five years starting in 2019 and made readily available to TCEQ personnel upon request.

21. In the event that an entire sulfur recovery train must be shut down for emergency reasons, the acid gas feed stream may be routed to the plant flare for a period not to exceed eight hours. Within two hours of diverting the acid gas feed to the emergency flare, the permit holder shall begin operational changes to reduce the amount of SRU feed. These items include (but are not limited to) storing of sour water and process unit curtailment or shutdown.

Operating Parameters and Conditions

22. The VOC associated with each cooling tower's return water shall be monitored monthly with a portable organic vapor analyzer, laboratory analysis of cooling water for total organic carbon, and/or approved air stripping system or equivalent. 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. Records shall be kept of monitoring and repair data for a period of five years starting in 2019. There is no VOC monitoring required for the Wet Surface Air Cooler (WSAC) cooling tower.

23. The cooling towers shall be operated and monitored for $PM/PM_{10}/PM_{2.5}$ in accordance with the following:

A. Except for CWT10 and CWT11, each cooling tower shall be equipped with drift eliminators having manufacturer's design assurance of 0.002% drift or less. CWT10 shall have a 0.008% drift limit and CWT11 shall have a 0.0056% drift limit. Drift eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.

B. Total dissolved solids (TDS) shall not exceed 6000 parts per million by weight (ppmw) for the WSAC cooling tower. TDS shall not exceed 3500 ppmw for other cooling towers. Dissolved solids in the cooling water drift are considered to be emitted as PM, PM_{10}, and $PM_{2.5}$ as represented in the permit application calculations.

C. Sampling as described in this Special Condition shall be implemented within 180 days of the January 2021 permit renewal and amendment.

D. Cooling towers shall be analyzed for particulate emissions using one of the following methods:

(1) Cooling water shall be sampled at least once per week for TDS, or

(2) TDS monitoring may be reduced to quarterly if conductivity is monitored daily and TDS is calculated using a correlation factor established for each cooling tower. The ratio of TDS-to-conductivity (in ppmw per µmho/cm or ppmw/siemens) shall be determined by concurrently monitoring TDS and conductivity on a weekly basis. The correlation factor shall be the average of nine consecutive weekly TDS-to-conductivity ratios provided the highest ratio is not more than 10% larger than the smallest ratio.

(3) The permit holder shall validate the TDS-to-conductivity correlation factor once each calendar quarter. If the ratio of concurrently sampled TDS and conductivity is more than 10% higher or lower than the established factor, the permit holder shall increase TDS monitoring to weekly until a new correlation factor can be established.

E. Cooling water sampling shall be representative of the cooling tower feed water and shall be conducted using approved methods.

(1) The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, and SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water]. Water samples should be capped upon collection, and transferred to a laboratory area for analysis.

(2) Alternate sampling and analysis methods may be used to comply with E(1) with written approval from the TCEQ Regional Director.

(3) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.

F. Emission rates of PM, PM_{10} and $PM_{2.5}$ shall be calculated using the measured TDS and the ratio or correlation of TDS to conductivity measurements, the design drift rate and the daily maximum and average actual cooling water circulation rate for the short term and annual

average rates. Alternately, the design maximum circulation rate may be used for all calculations. Emission records shall be updated monthly.

24. Permanent flares (EPNs FLARECOKE, FLAREEP, FLAREGIRB, FLARENP, and FLAREWP) 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 at all times when emissions may be vented to them.

    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 regional office to demonstrate compliance with these requirements.

    B. 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, infrared monitor, or ultraviolet 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

    C. The flare shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. This shall be ensured by the use of steam assist to the flare.

    D. The permit holder shall install a continuous flow monitor and composition analyzer (or calorimeter, if applicable) that provide a record of the vent stream flow and composition (total VOC or Btu content) to the permanent flare. The flow monitor sensor and analyzer sample points shall be installed in the vent stream 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 (or Btu content) shall be recorded each hour.

    The monitors shall be calibrated or have a calibration check performed on an annual basis according to manufacturer's specifications to meet the following accuracy specifications: the temperature monitor shall be ±2.0% at absolute temperature, the pressure monitor shall be ±5.0 mm Hg, and the flow monitor according to manufacturer's specifications as required per 30 TAC 115.725(d)(1)(C).

    Calibration of the analyzer shall follow the procedures and requirements listed in 30 TAC 115.725(d)(2).

    The monitors and analyzers shall operate as required by this section at least 95% of the time when the flare is operational, averaged over a calendar year. Flared gas net heating value and actual exit velocity determined in accordance with 40 CFR §§60.18(f)(3) and 60.18(f)(4) shall be recorded at least once every hour. Hourly mass emission rates shall be determined and recorded using the above readings and the emission factors used in the permit renewal and amendment application, received August 25, 2017 and updates.

25. Fuel used in the process heaters shall be limited to either natural gas, plant gas, or a combination of natural gas and plant gas. The H_2S concentration of the fuel gas shall not exceed 162 ppmv on an hourly basis. The H_2S concentration shall be monitored and recorded in accordance with NSPS, Subpart J.

Wastewater (WW) Collection

26. Higher benzene content process wastewater drains (referred to as the NESHAP WW system by the permit holder) shall be equipped with water seals or equivalent; wastewater collection system components and conveyance shall be equipped with a closed vent system that routes associated organic vapor to a flare or equivalent control device.

    Water seals shall be checked by visual or physical inspection quarterly for indications of low water levels or other conditions that would reduce the effectiveness of water seal controls. Water seals shall be restored as necessary within 24 hours. Records shall be maintained of these inspections and corrective actions taken.

    Non-controlled process wastewater (not routed to the NESHAP WW system) shall minimize emissions by utilizing covers where available.

Control Technology Implementation

27. Storage tanks required to have new seals (EPNs: G316, G355, G357, G360, G332, G362, A326, A310, and G324) were upgraded according to permit schedule at a rate of at least two per year beginning January 1, 1996. Upgrades were installed on all of the tanks.

28. The CEMS or process computers required per Special Condition No. 8 for process heaters not requiring burner upgrades were installed according to permit schedule.

29. The holder of this permit according to permit schedule submitted additional engineering details which outline control options for the CCU to the TCEQ Air Permits Division. The following are the CCU control requirements (equivalent to 1995 best available control technology):

Pollutant	Emission Limit	CEMS
PMfilterable	1.0 lb/1,000 lb of coke burn-off	No
Opacity	15 - 20 percent	Yes
CO	500 ppmv	Yes
SO_2	200 - 300 ppmv	Yes
NO_x	200 ppmv	Yes
VOC	< 10 ppmv	No

    The selected control plan was implemented as required by December 31, 2005.

Recordkeeping

30. The holder of this permit shall track operations on an hourly basis and keep an hourly cap compliance record as specified in Attachment F. Hourly emissions from each source within the hourly emission cap will be summed and compared to the hourly emissions cap.

    Hourly recordkeeping as described in this Special Condition shall be implemented within 180 days of current permit renewal and amendment issuance (January 2021).

31. The holder of this permit shall keep records to demonstrate compliance with the annual tpy emission limits specified by the flexible permit for the following compounds: NO_x, CO, PM, SO_2 VOC, H_2S, and benzene. Compliance with the emission limits for each source shall be demonstrated according to Attachment F of these Special Conditions. An annual summary of emissions for each criteria pollutant for which an emissions cap has been established in this permit shall be submitted on or before the date the annual air emissions inventory is due for the prior calendar year. This summary will include a table listing the criteria pollutant, actual total annual emissions for that pollutant, and the emissions cap for that pollutant. This condition does not preclude the requirement to demonstrate compliance with annual emission limits based on a rolling 12-month period.

32. All records required by the conditions of this permit shall be maintained at the plant site for a minimum of five years starting in 2019, unless otherwise specifically stated in these conditions. These records shall be made available to representatives of the TCEQ or any air pollution control program having jurisdiction upon request.

33. A copy of this permit shall be kept at the plant site and made immediately available at the request of personnel from the TCEQ or any air pollution control agency having jurisdiction.

Additional Emission Standards for Boilers and Furnaces

34. The holder of this permit shall establish NO_x concentration limits of 20 ppmvd on a 365-day rolling average and 40 ppmvd on a three-hour rolling average, each at 0 percent O_2 for the FCCU CO Boiler (EPN: H600) SCR outlet to satisfy the specific Consent Decree terms and conditions as required by the EPA. The holder of this permit shall keep records at the plant site to demonstrate compliance with this condition. The emission limits shall not apply during periods of required SCR bypass, provided that such bypass is necessary, meets the definition of start-up, shutdown, or malfunction, and that the permit holder implements good air pollution control practices to minimize emissions during such events.

35. The holder of this permit shall establish a maximum NO_x emission rate of 9.96 tons per year for the Catalytic Cracker Feed Hydrotreater (CFH) Charge Heater (EPN: H1170), based upon the maximum annual average firing rate of 65 MMBtu/hr heat input and maximum annual average NO_x emission rate of 0.035 lb/MMBtu, to satisfy the specific Consent Decree terms and conditions as required by the EPA. The holder of this permit shall keep records at the plant site to demonstrate compliance with this condition.

36. The holder of this permit shall establish a maximum NO_x emission rate of 77.5 tons per year for the Catalytic Reformer SCR (EPN: H53NN), based upon the maximum annual average firing rate of 885 MMBtu/hr heat input and maximum annual average NO_x emission rate of 0.02 lb/MMBtu, to satisfy the specific Consent Decree terms and conditions as required by the EPA. The holder of this permit shall keep records at the plant site to demonstrate compliance with this condition.

37. The holder of this permit shall establish a maximum NO_x emission rate of 56.76 tons per year for the Distilling Unit 2 South Crude Heater (EPN: H5100) based upon the maximum annual average firing rate of 324 MMBtu/hr heat input and maximum annual average NO_x emission rate of 0.040 lb/MMBtu, to satisfy the specific Consent Decree terms and conditions as required by the EPA. The holder of this permit shall keep records at the plant site to demonstrate compliance with this condition.

38. The holder of this permit shall establish a maximum NO_x emission rate of 56.76 tons per year for the Distilling Unit 2 North Crude Heater (EPN: H5101) based upon the maximum annual average firing rate of 324 MMBtu/hr heat input and maximum annual average NO_x emission rate of 0.040 lb/MMBtu, to satisfy the specific Consent Decree terms and conditions as required by the EPA. The holder of this permit shall keep records at the plant site to demonstrate compliance with this condition.

39. The Distilling Unit 1 Secondary Pre-Heater (EPN: H613) is subject to the following requirements.

    A. The annual average firing rate shall not exceed 162 MMBtu/hr heat input.

    B. The annual average NO_x emission rate shall not exceed 0.034 lb/MMBtu.

    C. The annual NO_x emissions shall be calculated based upon fuel gas flow and NO_x/O_2 CEMS measurements.

    D. The holder of this permit shall keep records to demonstrate compliance with this condition and the emission limits in the MAERT.

40. The Cat Gas Hydrotreater (CGHT) Furnace (EPN: H36100) and the HVI Charge Oil Furnace (EPN: H63000) shall each be limited to a heat input of less than 100 MMBtu/hr.

Planned Maintenance, Start-Up, and Shutdown (MSS) Activities

41. This permit authorizes emissions from those points listed in the attached MAERT 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 Special Condition 2 are authorized from facilities and emission points identified in Attachment D in other construction permits at the site provided the facility and emissions are compliant with the respective MAERT and special conditions, or Special Condition 12 of this permit.

42. This permit authorizes the emissions from the facilities identified in Attachment D for the planned maintenance, startup, and shutdown (MSS) activities summarized in the MSS Activity Summary (Attachment C) attached to this permit.

    Attachment A identifies the inherently low emitting MSS activities that may be performed at Regulated Entity Identification Number (RN) 100211879. Emissions from activities identified in Attachment A 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 A 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 B may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment B shall be estimated using the number of work orders or equivalent each month and the emissions associated with that activity identified in the permit application.

Unless otherwise prescribed in this permit, the performance of each planned MSS activity not identified in Attachments A or B and the emissions associated with it shall be recorded and include at least the following information:

A. The physical location at which emissions from the MSS activity occurred, including the emission point number and common name for the point at which the emissions were released into the atmosphere;

B. The type of planned MSS activity and the reason for the planned activity;

C. The common name and 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.

Emissions from all completed planned MSS activities shall be summed monthly and the rolling 12-month emissions shall be updated by the end of the month following the activity.

43. Process units and facilities, with the exception of those identified in Special Conditions 46 and 47, and Attachment A shall be depressurized, emptied, degassed, and placed in service in accordance with the following requirements.

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 partial pressure less than 0.50 psi at the normal process temperature may be opened to atmosphere and drained in accordance with paragraph C of this special condition.

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 partial pressure is greater than 0.50 psi at either the normal process temperature, any vents in the system must be routed to a control device or a controlled recovery system. 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 or storage vessels must 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 unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid must 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 partial pressure is greater than 0.50 psi at the normal process temperature, 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 design. The control device or recovery system utilized shall be recorded with the estimated emissions from controlled and uncontrolled degassing calculated using the methods that were used to determine allowable emissions for the permit application.

(1) For MSS activities identified in Attachment B, the following option may be used in lieu of ii 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. If the process equipment is purged with a gas, two system volumes of purge gas must have passed through the control device or controlled recovery system 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. 44. 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 10,000 ppmv or 10 percent of the LEL.

E. Gases and vapors (including vapors from residual liquids) with VOC partial pressure 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 contaminant to be vented to atmosphere during shutdown or startup, as applicable.

Except when identified for an activity on Attachment A, all instances of venting directly to atmosphere per Special Condition No. 43.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 or equivalent, or in the form of a procedure, a report, or database entry for those planned MSS activities identified in Attachment B.

44. 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 60, Appendix A) with the following exceptions:

(1) The instrument shall be calibrated within 24 hours of use with a calibration gas such that the response factor of the VOC (or mixture of VOCs) to be monitored shall be less than 2.0. The calibration gas and the gas to be measured, and its approximate response factor shall be recorded.

(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 5 minutes, recording VOC concentration each minute. The highest measured VOC concentration shall not exceed the specified VOC concentration limit prior to uncontrolled venting.

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 B(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 or isobutylene 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.

45. If the removal of a component for repair or replacement results in an open ended line or valve, the open ended line is exempt from any NSR permit condition 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 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.

46. This permit authorizes emissions from the floating roof storage tanks identified in the MAERT Attachment, EPNs Included Within Caps, during planned floating roof landings. Tank 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 from the time the floating roof is landed until the floating roof is being refloated. 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 or a controlled recovery system during this process.

B. If the VOC partial pressure 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 unless the vapor under the floating roof is routed to control or a controlled recovery system during this period. Floating roof tanks with liquid capacities less than 100,000 gallons may be degassed without control if the VOC partial pressure 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 of purge gas 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 the vent stream may be sampled to verify acceptable VOC concentration. The measurement of purge gas volume 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. 44.

(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 partial pressure 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 partial pressure less than 0.02 psia. These criteria may be demonstrated in any one of the following ways.

(1) Low VOC partial pressure liquid that is soluble with the liquid previously stored may be added to the tank to lower the VOC partial pressure 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 partial pressure 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 1000 ppmv through the procedure in Special Condition No. 44.

(3) No standing liquid verified through visual inspection.

The permit holder shall maintain records to document the method used to release the tank.

D. Following a planned MSS-related floating roof landing, tanks shall be refilled as rapidly as practicable until the roof is off its legs with the following exceptions:

(1) Only two gasoline tanks may be filled at any time at a rate not to exceed 22,400 bbl/hour total. Only two crude tanks may be filled at any time at a rate not to exceed 10,254 bbl/hour total.

(2) The vapor space below the tank roof is directed to a control device when the tank is refilled until the roof is floating on the liquid. The control device used and the method and locations used to connect the control device shall be recorded. All vents from the tank being filled must exit through the control device.

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, time, and other information specified for 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 partial pressure liquid to or from the tank including volumes and vapor pressures to reduce tank liquid VOC partial pressure to <0.02 psi,

(e) if there is liquid in the tank, VOC partial pressure 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 of AP-42 "Compilation of Air Pollution Emission Factors, Chapter 7-Storage of Organic Liquids" dated March 2020 and the permit application.

47. Fixed roof 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 partial pressure less than 0.02 psia. This shall be verified and documented through one of the criteria identified in Special Condition 46.C. Fixed roof tanks manways may be opened without emission controls when there is standing liquid with a VOC partial pressure greater than 0.02 psi vapor as necessary to set up for degassing and cleaning. One manway may be opened to allow access to the tank to remove or de-volatilize the remaining liquid. The emission control system shall meet the requirements of Special Condition 46.B.i through 45.B.v and records maintained per Special Condition 46.E.iii.c through 45.E.iii.e, and 45.E.iv. 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.

48. The following requirements apply to vacuum and air mover truck operations to support planned MSS at this site:

A. Vacuum pumps and blowers shall not be operated on trucks except as allowed in Part C of this condition.

B. 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.

C. Vacuum pump or blower may be operated consistent with the requirements in Shell operating procedure M-144, formerly EC-3 submitted with the application. Ensure that these emissions shall stay below the permitted cap.

49. 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.

50. All permanent facilities must comply with all operating requirements, limits, and representations in the permits identified in Attachment D 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. Combustion units, with the exception of flares, at this site are exempt from NO_x and CO operating requirements identified in special conditions in other NSR permits during planned startup and shutdown if the following criteria are satisfied.

(1) The maximum allowable emission rates in the permit authorizing the facility are not exceeded.

(2) The startup period does not exceed the duration in specified in Attachment E 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 the periods specified in Attachment E.

(3) Control devices are started and operating properly when venting a waste gas stream.

B. A record shall be maintained indicating that the start and end times each of the activities identified above occur and documentation that the requirements for each have been satisfied.

51. 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 on 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) It 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.

(b) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of an 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.

i. The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition 44.

ii. Breakthrough is defined as the highest measured VOC concentration at or exceeding 100 ppmv 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 four hours. Sufficient new activated carbon canisters shall be maintained at the site to replace spent carbon canisters such that replacements can be done in the above specified time frame.

iii. Records of CAS monitoring shall include the following:

(c) Sample time and date.

(d) Monitoring results (ppmv).

(e) Canister replacement log.

i. 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.

B. Thermal Oxidizer.

(1) The thermal oxidizer firebox 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.

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 (°C) or ± 2.5°C.

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 to confirm the required destruction efficiency within the past 12 months. VOC shall be measured in accordance with the applicable United States Environmental Protection Agency (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 which 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 4 are also acceptable for this documentation

(3) The engine shall be 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.

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 thermal couple 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 or equivalent.

(3) Flares systems shall have a continuous flow monitor that provides a record of the vent stream flow to the flare. The monitoring shall be used to maintain waste gas above the minimum heating value.

(4) The combined assist natural gas and waste stream to each flare shall meet the Title 40 Code of Federal Regulations (40 CFR) § 60.18 specifications of minimum heating value and maximum tip velocity. These flares shall have a continuous flow monitor that provides a record of the vent stream flow to the flare. Measurement, good engineering practice, or process knowledge shall also be used to monitor the waste gas stream for compliance with the minimum heating value.

52. 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.

53. This permit authorizes emissions from the Miscellaneous Painting Fugitives (EPN: PAINTFE) for the following planned MSS activities:

Source	Location	Activity
PAINTFE	Refinery Paint Yard	Paint Coatings are applied primarily by air atomization or airless sprayers. A limited amount of brushing and rolling is also used. The painting activity emissions will be minimized through good housekeeping practices.

The performance of each maintenance activity and the emissions associated with it shall be recorded, and the rolling 12-month emissions shall be updated on a monthly basis. These records shall include at least the following information:

A. The physical location at which emissions from the MSS activity occurred, including the emission point number, common name, and any other identifier for the point at which the emissions were released into the atmosphere;

B. The type of planned MSS activity and the reason for the planned activity;

C. The common name and the facility identification number of the facilities at which the MSS activity and emissions occurred;

D. The dates of the MSS activity and its duration; and

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 renewal and amendment application, received August 28, 2017, and updates, consistent with good engineering practice.

54. No visible emissions shall leave the property due to painting or abrasive blasting.

55. Black Beauty, Coal Slag, 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 ESL_{metal}/1000.

C. The permit holder's Safety Data Sheet (SDS) 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 by the end of the month following the activity.

56. With the exception of the MAERT emission limits and those exceptions listed below, these MSS permit conditions become effective 180 days after this permit has been issued. During this period, monitoring and recordkeeping shall satisfy the requirements in Special Condition No. 42.A through 42.D. Emissions shall be estimated using good engineering practice and methods to provide reasonably accurate representations for emissions. The basis used for determining the quantity of air contaminants to be emitted shall be recorded. The permit holder may maintain abbreviated

records of emissions from Attachment A and B activities as allowed in Special Condition No. 2 rather than documenting all the information required by Special Condition No. 2, parts A through D.

57. Planned MSS 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 Conditions Nos. 41 through 56 must be used when conducting the planned MSS activity, until the commission determines that the efforts are unreasonable or impractical, or that the activity is an unplanned MSS activity.

58. The following carbon monoxide (CO) limits shall apply during periods of planned MSS activities (EPNs: H-600 and H-1000) and feed diversion (EPN: H-600). A feed diversion occurs when feedstock is diverted while catalyst continues to circulate or the unit initiates a process shutdown. Records shall be maintained of each event where the alternative CO concentration limits are used including calculations demonstrating compliance with the mass emission rate limits in the MAERT.

    The following limits shall constitute alternative case-specific specifications for the CO concentration limits in 30 TAC §117.310(c).

EPN	CO Limit (ppmvd)	Averaging Period	Oxygen Correction
H-600	1,500	1-hour	3%
H-1000	1,500	1-hour	3%

Alternate Method of Control (AMOC)-137 Plan

59. All marine loading emissions of benzene liquids with vapor pressures greater than 0.5 psia must be vented to an enclosed vapor collection and recovery system and meet the following:

    A. Loading operations shall be limited to vessels that are equipped with vapor collection equipment that is compatible with the terminal's vapor collection system;

    B. Each loading terminal shall be designed to collect VOC vapors displaced from marine tank vessels during marine tank vessel loading operations and to prevent VOC vapors collected at one loading berth from passing through another loading berth to the atmosphere;

    C. Loading of materials shall be limited to those vessels with certification of annual vapor tightness test (pressure test or leak test) as specified in 40 CFR §§ 63.563(a)(4) and 63.565(c);

    D. All piping and connections shall be checked prior to each vessel loading. All lines and connectors shall be visually inspected for any defects prior to hookup. Lines and connectors that are visibly damaged shall be removed from service. Operations shall cease immediately upon detection of any liquid leaking from the lines or connections.

    E. No valves in the terminal's vapor collection system route displaced vapors to the atmosphere, either directly or indirectly, except for those valves used for pressure/vacuum relief, analyzers, instrumentation devices, and sampling for maintenance.

    F. Loading of benzene shall occur only into non-inerted vessels (barges). A blower system shall be installed which will produce a vacuum in barge holds being filled during all 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.

60. The vapor collection system shall comply with the following leak detection and repair requirements:

    A. All ductwork and piping and connections to the vapor collection and recovery system shall be inspected and monitored annually using Method 21.

    B. If evidence of a potential leak is found by visual, audible, olfactory, or any other detection method, all ductwork and piping and connections to vapor collection systems and control devices shall be inspected to the extent necessary to positively identify the potential leak and any potential leaks shall be monitored within 5 days by Method 21. Each detection of a leak shall be recorded, and the leak shall be tagged until repaired.

    C. When a leak is detected, a first effort to repair the vapor collection system and control device shall be made within 15 days or prior to the next marine tank vessel loading operation, whichever is later.

61. In accordance with 40 CFR §§ 61.303(e) and 63.564, continuous parametric monitoring systems (CPMS) are required to demonstrate compliance with the following:

    A. All monitors shall complete a minimum of one cycle of operation (sampling, analyzing, and/or data recording) for each successive 15-minute period;

    B. Continuously measure the operating pressure of each marine tank vessel during loading. The owner or operator shall verify the accuracy of the pressure device once each calendar year. When loading vessels at less than atmospheric pressure (i.e., negative gauge pressure), install, calibrate, maintain, and operate an audible and visible alarm system that is activated when the pressure vacuum is not attained. The alarm system shall be placed so that it can be seen and heard where cargo transfer is controlled.

62. Consistent with 40 CFR §61.305 and this AMOC Plan, records shall be maintained of all performance tests, vessel certifications, CPMS, and maintenance activities. Records shall also be maintained for any deviations or exceedances of the specified and represented operations.

    In accordance with 40 CFR §61.305(f), an initial report is required within 90 days upon initial loading of benzene and quarterly compliance demonstration reports shall be submitted for periods of operation where there were exceedances of monitored parameters.

    All records shall be made available upon request to the TCEQ and any local air pollution control program.

Special Condition for Marine Loading (99.9%)

63. The following additional requirements apply to loading of a volatile organic compound (VOC) which has a vapor pressure equal to or greater than 0.5 pounds per square inch absolute (psia) under actual storage conditions onto inerted marine vessels (ships).

    A. Before loading, the owner or operator of the marine terminal shall verify that the marine vessel has passed an annual vapor tightness test as specified in 40 CFR §63.565(c)

(September 19, 1995) or 40 CFR §61.304(f) (October 17, 2000) within the previous twelve months, and received a recent, completed Standard Tanker Chartering Questionnaire form (Q88) or equivalent.

B. The pressure at the vapor collection connection of an inerted marine vessel must be maintained such that the pressure in a vessels' cargo tanks do not go below 0.2 pounds per square inch gauge (psig) or exceed 80% of the lowest setting of any of the vessel's pressure relief valves. The lowest vessel cargo tank or vent header pressure relief valve setting for the vessel being loaded shall be recorded. Pressure shall be continuously monitored while the vessel is being loaded. Pressure shall be recorded at fifteen-minute intervals.

C. VOC loading rates shall be recorded during loading. The loading rate must not exceed the maximum permitted loading rate.

D. During loading, the owner or operator of the marine terminal or of the marine vessel shall conduct audio, olfactory, and visual checks for leaks within the first hour of loading and once every 8 hours thereafter for on-shore equipment and on board the ship.

(1) If a liquid leak is detected during loading and cannot be repaired immediately (for example, by tightening a bolt or packing gland), then the loading operation shall cease until the leak is repaired.

(2) If a vapor leak is detected by sight, sound, smell, or hydrocarbon gas analyzer during the loading operation, then a "first attempt" shall be made to repair the leak. Loading operations need not be ceased if the first attempt to repair the leak is not successful provided that the first attempt effort is documented by the owner or operator of the marine vessel and a copy of the repair log is made available to a representative of the marine terminal.

(3) If the attempt to repair the leak is not successful and loading continues, emissions from the loading operation for that ship shall be calculated assuming a collection efficiency of 99%.

Date and time of each inspection shall be noted in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be made available to representatives of the Texas Commission on Environmental Quality (TCEQ) upon request.

Date: January 8, 2021

Attachment A

Flexible Permit Numbers 21262 and PSDTX928

Inherently Low Emitting Activities					
Activity	**Emissions**				
	VOC	NO_x	CO	PM	H_2S/SO_2
Catalyst activation/deactivation	x	x	x	x	x
Management of sludge from pits, ponds, sumps, and water conveyances	x	x	x		
Aerosol Cans	x	x			
Inspection, repair and replacement of analytical equipment	x	x	x	x	
Inspection, repair and replacement of Carbon canisters	x	x	x	x	
Catalyst charging/handling	x	x	x	x	
Inspection, repair, replacement, adjustment, testing and calibration of Instrumentation/analyzer	x	x	x	x	
Meter proving	x				
Inspection, repair, and replacement of filters and screens	x	x	x		
Maintenance on water treatment systems (cooling, boiler, potable)	x				
Soap and other liquid based cleaners	x				
Inspection, repair and replacement of monitoring/measuring equipment (e.g., sight glasses, rotometers)	x	x	x	x	
Inspection, repair and replacement of ancillary equipment (e.g,, coupling alignment, oil seals, blinding)	x	x	x	x	x
Cleaning (including strainers, lube oil systems)	x	x	x		
Welding	x	x	x	x	
Leak and operability checks (e.g., steam turbine overspeed tests, troubleshooting)	x	x	x	x	x
Inspection, repair and replacement of fugitive components	x	x	x	x	x
Process Sampling	x	x	x	x	x
Fugitive components associated with maintenance	x	x	x	x	
Combinations of the above	x	x	x	x	x

Date: January 8, 2021

Attachment B

Flexible Permit Numbers 21262 and PSDTX928

Routine Maintenance Activities

Pump, compressor, vessel, exchanger, furnace, boiler inspection, repair, replacement not included in Attachment A.

Date: January 8, 2021

Attachment C

Flexible Permit Numbers 21262 and PSDTX928

MSS Activity Summary

Facilities	Description	Emissions Activity	EPNs
All production-related equipment	process unit / facility startup, shutdown or maintenance	vent to flare	FLARECOKE FLAREEP FLARENP FLAREWP
all process units and tanks	preparation for unit turnaround or facility/component inspection, repair / replacement	manage liquid	FUGVACDPR
all production-related	VOC coating	VOC coating	PAINTFE
all floating roof tanks	tank startup, shutdown or maintenance	Filling, emptying and intervening maintenance	All Floating Roof Tanks
see Attachment A	Inherently low emitting activities	see Attachment A	AEROSAPPL AEROSDISP DEGREAS01 FUGMSSDPR FUGSMPDPR
all production-related	abrasive blasting and non-VOC coating	PM from blasting media, coating preparation, and application	PAINTFE, FUGABRBLST
see Attachment B	Routine maintenance activities	see Attachment B	MSSDECNDPR
All production-related equipment	process unit/facility startup, shutdown or maintenance	Vent to atmosphere	COKERSD DPREFSDSU HP1SDSU SGPSD SHCUSD SULFURSD
All production-related combustion equipment	Combustion facility startup or shutdown	vent to atmosphere	All Combustion Units
Fixed Roof tanks	tank startup, shutdown or maintenance	Filling, emptying and intervening maintenance	All Fixed Roof Tanks
all production-related equipment	Combinations of the above	Combinations of the above	All of the above

Date: January 8, 2021

Attachment D

Flexible Permit Numbers 21262 and PSDTX928

Facility List

This permit authorizes MSS emissions from the permanent site facilities identified below. Emissions may occur from temporary facilities (frac tanks, containers, vacuum trucks, facilities used for painting or abrasive blasting, portable control devices or controlled recovery systems) to support the MSS activities performed at the permanent site facilities listed below as represented in the permit application.

MSS from facilities authorized by Permit Number 21262 are eligible for the MSS limits in this permit.

Date: January 8, 2021

Attachment E

Flexible Permit Numbers 21262 and PSDTX928

Typical Heater Startup and Shutdown Periods

Heater Number	Typical Hours to Shutdown	Typical Hours to Start-up
H1000	12	12
H1001	6	6
H1010	10	10
H1011	8	5
H1100	72 hours with Hot-Hydrogen Strip. 48 hrs for other	27 hours with Sulfiding 10 hrs for other
H1170	72 hours with Hot-Hydrogen Strip. 48 hrs for other	27 hours with Sulfiding 10 hrs for other
H31001	6	24
H31002	6	24
H31003	6	24
H3300	6	24
H36100	12	24
H5100	2	12
H5101	2	12
H5102	2	12
H5103	2	12
H5104	2	12
H5105	2	12
H5200	2	7
H5301/2/3/4 (EPN H53NN)	12	12
H5305 (EPN H53NN)	12	12
H5350 (EPN H53NN)	12	12
H5400	12	96
H5402	12	24
H5403	12	96
H5404	12	24
H5600	6	10
H600 (Source = FCCU CO Boiler)	2 hr (for Nat Gas, not including CO fuel)	40
H613	2	12
H63000	2	12
H70001	12	24
H70002	6	24

Date: January 8, 2021

Flexible Permit Numbers 21262 and PSDTX928
Special Conditions, Attachment F
Monitoring and Compliance Methods

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
REFANLZ	Refinery Analyzers	CO NOx PM PM10 PM2.5 SO_2 VOC	None, compliance shown using worst case short term and annual emissions. Limit of one sample per vent each hour.	The emissions are independent from unit throughputs and are calculated using process knowledge and vendor data on the analyzer systems. For cap compliance purposes, emissions will be equal to permit representations. Assume one sample per vent each hour of operation. TCEQ refinery factor for sampling connector times the number of components.	The emissions are independent from unit throughputs. The emissions are calculated using process knowledge and vendor data on the analyzer systems. For cap compliance purposes, emissions will be equal to permit representations. Short term emissions times 8760 hrs/year.
FUGCOKEPM1&1A FUGCOKEPIT FUGCOKEPM2 FUGCOKEPM3 FUGCOKEPM4 FUGCOKEPM5	Coke Pile Wind Erosion Coke Pit Drop, Decoking from Drums Coke Pile Crane Coke Crusher Coke Crusher Discharge Coke Transfer Conveyor	PM/PM10/PM2.5	Coke primary storage pads tested for moisture content 3 times per week. See Special Condition Nos. 17, 18, 19.	Maximum PM emissions are calculated assuming maximum operating conditions and control requirements as represented in permit calculations.	PM emissions are calculated assuming annual throughput calculations and control requirements as represented in permit calculations.
CWT10 CWT12 CWT14 CWT6 CWT8	Cooling Tower No. 10 Cooling Tower No. 12 Cooling Tower No. 14 Cooling Tower No. 6 Cooling Tower No. 8	PM/PM10/PM2.5	Weekly monitoring of total dissolved solids (TDS) unless daily conductivity monitoring. See Special Condition No. 23.	PM emissions are calculated using monitored or maximum design hourly flow rate, TDS results, represented drift eliminator %	PM emissions are calculated using monitored (annual average) or maximum design flow rate, TDS results, represented drift eliminator %
		VOC	The inlet flow to the cooling water tower will be sampled and analyzed for hydrocarbon each month.	VOC concentration and monitored hourly circulation rate or design maximum hourly circulation rate	VOC concentration and monitored (annual average) circulation rate or design maximum hourly circulation rate
CWT11 CWT15 CWT16/16A CWT17 CWT7 CWT9	Cooling Tower No. 11 Cooling Tower No. 15 Cooling Tower No. 16/16A Cooling Tower No. 17 Cooling Tower No. 7 Cooling Tower No. 9	PM/PM10/PM2.5	Weekly monitoring of total TDS unless daily conductivity monitoring. See Special Condition No. 23.	PM emissions are calculated using monitored or maximum design hourly flow rate, TDS results, represented drift eliminator %	PM emissions are calculated using monitored (annual average) or maximum design flow rate, TDS results, represented drift eliminator %
		VOC	The inlet flow to the cooling water tower will be sampled and analyzed for hydrocarbon each month.	The emission rate of each compound will be calculated with the continuous emission monitoring data and flow rate monitoring required by 30 TAC Chapter 115 and/or using results from the monthly VOC sampling defined in Special Condition No. 22.	The emission rate of each compound will be calculated with the continuous emission monitoring data and flow rate monitoring required by 30 TAC Chapter 115 and/or using results from the monthly VOC sampling defined in Special Condition No. 22.
WSAC	Wet Surface Air Cooler	PM/PM10/PM2.5	Weekly monitoring of total TDS unless daily conductivity monitoring. See Special Condition No. 23.	PM emissions are calculated using monitored or maximum design hourly flow rate, TDS results, represented drift eliminator %	PM emissions are calculated using monitored (annual average) or maximum design flow rate, TDS results, represented drift eliminator %
AE2340 AE2636 AE2650 AE348 AE349 AE388 AE389 AE700 AE768	Octane Testing Engine Octane Testing Engine Octane Testing Engine On-line Knock Engine On-line Knock Engine On-line Knock Engine On-line Knock Engine Octane Testing Engine Octane Testing Engine	CO	None, assumed operation of 8760 hours per year at design horsepower.	The emissions will be calculated based on the engine's horsepower rating and published AP-42 emission factors.	The emissions will be calculated based on the engine's horsepower rating, published AP-42 emission factors, and assuming 8,760 hours of operation per year.
		NOx	None, assumed operation of 8760 hours per year at design horsepower.	The emissions will be calculated based on the engine's horsepower rating and published AP-42 emission factors.	The emissions will be calculated based on the engine's horsepower rating, published AP-42 emission factors, and assuming 8,760 hours of operation per year.
		PM/PM10/PM2.5	None, assumed operation of 8760 hours per year at design horsepower.	The emissions will be calculated based on the engine's horsepower rating and published AP-42 emission factors.	The emissions will be calculated based on the engine's horsepower rating, published AP-42 emission factors, and assuming 8,760 hours of operation per year.
		SO_2	None, assumed operation of 8760 hours per year at design horsepower.	The emissions will be calculated based on the engine's horsepower rating and published AP-42 emission factors.	The emissions will be calculated based on the engine's horsepower rating, published AP-42 emission factors, and assuming 8,760 hours of operation per year.
		VOC	None, assumed operation of 8760 hours per year at design horsepower.	The emissions will be calculated based on the engine's horsepower rating and published AP-42 emission factors.	The emissions will be calculated based on the engine's horsepower rating, published AP-42 emission factors, and assuming 8,760 hours of operation per year.

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
FLAREEP FLAREGIRB FLAREWP FLARENP FLARECOKE	East Property Flare Girbitol Flare West Property Flare North Property Flare Coker Flare	CO	Pilot flame presence monitored continuously. Waste gas flow continuously measured every 15 minutes, with hourly averages recorded. See Special Condition Nos. 24, 51.D, 52.	TCEQ emission factors and hourly btu data.	TCEQ emission factors and btu data.
		NOx	Pilot flame presence monitored continuously. Waste gas flow continuously measured every 15 minutes, with hourly averages recorded. See Special Condition Nos. 24, 51.D, 52.	TCEQ emission factors and hourly btu data.	TCEQ emission factors and btu data.
		SO_2	Total Reduced Sulfur (TRS) analyzer required by 40 CFR Part 60 Subpart Ja. Pilot flame presence monitored continuously. Waste gas flow continuously measured every 15 minutes, with hourly averages recorded.	Waste gas flow to flare. TRS analyzer measurement, assumed 100% conversion to SO2.	Waste gas flow to flare. TRS analyzer measurement, assumed 100% conversion to SO2.
		VOC	Flare header line gas chromatograph continuous emission monitoring (CEMS) and continuous flow monitor (CFM) required by 30 TAC Chapter 115. The total heat input from each stream is determined based on the mass flow, the stream speciation, and the lower heating value of each stream component. Waste gas flow continuously measured every 15 minutes, with hourly averages recorded.	Gas chromatograph. 99% DRE for C1-C3, 98% DRE for C4+	The emission rate of each compound from the flares will be calculated based on CEMS and CFM from the gas chromatograph. VOC emissions are based on a destruction efficiency of 99% for C2's and C3's, and 98% for C4+.
		H_2S	H2S monitoring is done using H2S analyzer required by 40 CFR Part 60 Subpart Ja.	H2S CEMS and H2S measurements from HRVOC analyzers as required by 30 TAC 115 Subchapter H. Waste gas flow to flare and assuming 98% DRE for H2S	H2S CEMS and H2S measurements from HRVOC analyzers as required by 30 TAC 115 Subchapter H. Waste gas flow to flare and assuming 98% DRE for H2S.
FUGVHP (EPNs FUGALKY, FUGCCU, FUGCFH, FUGCGHT, FUGCPU, FUGCR3, FUGDHT, FUGDISP, FUGDOCK, FUGDU1, FUGDU2, FUGENVN, FUGEPFGR, FUGGFRAC, FUGGIRBIT, FUGHDU1, FUGHNS, FUGPLAT2, FUGPSA, FUGSGP, FUGSHCU, FUGTHCR, and FUGWBT)	28VHP Fugitives	VOC	Use EPA Method 21 to monitor for leaks from seals on pumps, compressors, agitators, and valves on piping components in light liquid and gas VOC service quarterly. Gas or hydraulic check new and replaced connectors prior to returning to service, or monitor with Method 21 within 15 days of returning to service. LDAR Program 28 VHP has a leak definition where repair action is required at 500 ppmv for valves and connectors and 2000 ppmv for pumps, compressors, and agitators. Check connectors weekly using audio, visual or olfactory (AVO) senses to observe leaks. Record results and corrective action taken. Monitoring will be conducted as required by the permit conditions. See Special Condition No. 9.	For cap compliance purposes, emissions will be equal to component count and permit representations.	For cap compliance purposes, emissions will be equal to component count and permit representations.
		Benzene	Use EPA Method 21 to monitor for leaks from seals on pumps, compressors, agitators, and valves on piping components in light liquid and gas VOC service quarterly. Gas or hydraulic check new and replaced connectors prior to returning to service, or monitor with Method 21 within 15 days of returning to service. LDAR Program 28 VHP has a leak definition where repair action is required at 500 ppmv for valves and connectors and 2000 ppmv for pumps, compressors, and agitators. Check connectors weekly using audio, visual or olfactory (AVO) senses to observe leaks. Record results and corrective action taken. Monitoring will be conducted as required by the permit conditions. See Special Condition No. 9.	For cap compliance purposes, emissions will be equal to component count and permit representations.	For cap compliance purposes, emissions will be equal to component count and permit representations.
		H_2S	AVO checks every shift. Corrective action within one hour if leaks detected. Record results and corrective action taken.	For cap compliance purposes, emissions will be equal to component count and permit representations.	For cap compliance purposes, emissions will be equal to component count and permit representations.
		Ammonia	AVO checks every shift. Corrective action within one hour if leaks detected. Record results and corrective action taken.	For cap compliance purposes, emissions will be equal to component count and permit representations.	For cap compliance purposes, emissions will be equal to component count and permit representations.

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
FUGMID (EPNs FUGCOKER, FUGGOHT, FUGSR3/4, FUGSR5, FUGSR6/7, and FUGSR8)	28MID Fugitives	VOC	Use EPA Method 21 to monitor for leaks from seals on pumps, compressors, agitators, and valves on piping components in light liquid and gas VOC service quarterly. Gas or hydraulic check new and replaced connectors prior to returning to service, or monitor with Method 21 within 15 days of returning to service. LDAR Program 28 VHP has a leak definition where repair action is required at 500 ppmv for valves and connectors and 2000 ppmv for pumps, compressors, and agitators. Check connectors weekly using audio, visual or olfactory (AVO) senses to observe leaks. Record results and corrective action taken. Monitoring will be conducted as required by the permit conditions. See Special Condition No. 10.	For cap compliance purposes, emissions will be equal to component count and permit representations.	For cap compliance purposes, emissions will be equal to component count and permit representations.
		Benzene	Use EPA Method 21 to monitor for leaks from seals on pumps, compressors, agitators, and valves on piping components in light liquid and gas VOC service quarterly. Gas or hydraulic check new and replaced connectors prior to returning to service, or monitor with Method 21 within 15 days of returning to service. LDAR Program 28 VHP has a leak definition where repair action is required at 500 ppmv for valves and connectors and 2000 ppmv for pumps, compressors, and agitators. Check connectors weekly using audio, visual or olfactory (AVO) senses to observe leaks. Record results and corrective action taken. Monitoring will be conducted as required by the permit conditions. See Special Condition No. 10.	For cap compliance purposes, emissions will be equal to component count and permit representations.	For cap compliance purposes, emissions will be equal to component count and permit representations.
		H_2S	AVO checks every hour. Corrective action within one hour if leaks detected. Record results and corrective action taken.	For cap compliance purposes, emissions will be equal to permit representations.	For cap compliance purposes, emissions will be equal to permit representations.
H1000 H31001/2 H31003 H5100 H5101 H5102 H5103 H5104 H5402 H5600	PLAT2 Heater Coker Heaters No. 1 and 2 Coker Heater No. 3 DU-2 South Crude Heater DU-2 North Crude Heater DU-2 South Flasher Charge Heater DU-2 North Flasher Charge Heater DU-2 Preflash Heater SHCU Reboiler Heater SGP Heat Medium Heater	CO	CEMS. Data collected at least four times per hour and averaged hourly. See Special Condition No. 8.	CEMS. Data collected at least four times per hour and averaged hourly.	CEMS
		NOx	CEMS. Data collected at least four times per hour and averaged hourly. See Special Condition No. 8. For H5100, see Special Condition No. 37. For H5101, see Special Condition No. 38.	CEMS. Data collected at least four times per hour and averaged hourly.	CEMS
		PM/PM10/PM2.5	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
		SO_2	SO2 emissions are monitored using the H2S CEMS output on the fuel gas blend tanks and assuming 100% combustion to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.
		VOC	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
H1001 H1010 H1011 H3300 H36100 H5105 H5200 H5400 H5403 H63000 H70001 H70002	Guard Bed Startup Heater HDU-1 Charge Heater HDU-1 Reboiler Heater DHT H2 Heater CGHT Heater DU-2 Preflash2 Heater HDU-2 Charge Heater SHCU South Charge Heater SHCU North Charge Heater HVI Column Charge Heater GOHT Recycle Gas Heater GOHT Frac Reboiler Heater	CO	Unit fuel gas flow rate and/or firing rate is continuousy monitored for each source. For H36100 and H63000, see Special Condition No. 40.	Unit fuel flow or firing rate and AP-42, 30 TAC 117 factor, or stack test data	Unit fuel flow or firing rate and AP-42, 30 TAC 117 factor, or stack test data
		NOx	Unit fuel gas flow rate and/or firing rate is monitored for each source. For H36100 and H63000, see Special Condition No. 40.	Unit fuel flow or firing rate and stack test data.	Unit fuel flow or firing rate and stack test data.
		PM/PM10/PM2.5	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source. For H36100 and H63000, see Special Condition No. 40.	Unit fuel flow or firing rate and AP-42 factor.	Unit fuel flow or firing rate and AP-42 factor.
		SO_2	SO2 emissions are monitored using the H2S CEMS output on the fuel gas blend tanks and assuming 100% combustion to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.
		VOC	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source. For H36100 and H63000, see Special Condition No. 40.	Unit fuel flow or firing rate and AP-42 factor.	Unit fuel flow or firing rate and AP-42 factor.
H1100	DHT Heater	CO	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Unit fuel flow or firing rate and AP-42, 30 TAC 117 factor, or stack test data	Unit fuel flow or firing rate and AP-42, 30 TAC 117 factor, or stack test data
		NOx	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Unit fuel flow or firing rate and stack test data.	Unit fuel flow or firing rate and stack test data.
		PM/PM10/PM2.5	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Unit fuel flow or firing rate and AP-42 factor.	Unit fuel flow or firing rate and AP-42 factor.
		SO_2	CEMS. Data collected four times per hour and averaged hourly.	CEMS. Data collected four times per hour and averaged hourly.	CEMS
		VOC	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Unit fuel flow or firing rate and AP-42 factor.	Unit fuel flow or firing rate and AP-42 factor.
H1170	CFH Charge Heater	CO	Unit fuel flow rate and/or firing rate is continuously monitored.	Unit fuel flow or firing rate and AP-42, 30 TAC 117 factor, or stack test data	Unit fuel flow or firing rate and AP-42, 30 TAC 117 factor, or stack test data
		NOx	CEMS. Data collected at least four times per hour and averaged hourly. See Special Condition No. 35	CEMS. Data collected at least four times per hour and averaged hourly.	CEMS
		PM/PM10/PM2.5	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
		SO_2	SO2 emissions are monitored using the H2S CEMS output on the fuel gas blend tanks and assuming 100% combustion to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.
		VOC	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
H53NN	Catalytic Reformer SCR	CO	CEMS. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A, 8	CEMS. Data collected four times per hour and averaged hourly.	CEMS
		NOx	CEMS. Data collected at least four times per hour and averaged hourly. See Special Condition Nos. 7.A, 8, 36.	CEMS. Data collected at least four times per hour and averaged hourly.	CEMS
		PM/PM10/PM2.5	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
		SO_2	SO2 emissions are monitored using the H2S CEMS output on the fuel gas blend tanks and assuming 100% combustion to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.
		VOC	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
		NH_3	Continuousy monitor fuel flow or firing rate for each furnace, monitor stack NOx with CEMS, monitor NOx concentration upstream of SCR catalyst bed, and monitor ammonia injection.	Calculation of monitored variables and balance around SCR bed.	Calculation of monitored variables and balance around SCR bed.

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
H5404	SHCU Post-Frac Heater	CO	CEMS. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A, 8	CEMS. Data collected four times per hour and averaged hourly.	CEMS
		NOx	CEMS. Data collected at least four times per hour and averaged hourly.	CEMS. Data collected at least four times per hour and averaged hourly.	CEMS
		PM/PM10/PM2.5	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
		SO_2	CEMS. Data collected four times per hour and averaged hourly.	CEMS. Data collected four times per hour and averaged hourly.	CEMS
		VOC	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
H613	DU-1 Secondary Pre-Heater	CO	CEMS. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A.	CEMS. Data collected four times per hour and averaged hourly.	CEMS
		NOx	CEMS. Data collected at least four times per hour and averaged hourly. See Special Condition Nos. 7.A, 39.	CEMS. Data collected at least four times per hour and averaged hourly.	CEMS
		PM/PM10/PM2.5	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
		SO_2	SO2 emissions are monitored using the H2S CEMS output on the fuel gas blend tanks and assuming 100% combustion to SO2	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.	SO2 emission rates are calculated using the H2S CEMS output on the fuel gas blend tanks and the fuel flow rate for each unit. It is assumed that 100% of H2S is combusted to SO2.
		VOC	Unit fuel gas flow rate and/or firing rate is continuously monitored for each source	Monitored unit fuel flow or firing rate and AP-42 factor.	Monitored unit fuel flow or firing rate and AP-42 factor.
LDSULF67	SR6 and SR7 Loading Rack	H_2S	Record type of product and quantity being loaded. See Special Condition No. 16.G	Sulfur assumed to contain 300 ppmv H2S/H2Sx, 50% soluble as H2S, 1% depletion per hour. Monthly records.	Records of the total amount of each product loaded will be maintained and emissions calculated to determine compliance with the cap. Throughput and emissions will be updated monthly.
SR5L01	SR5 Loading Rack	H_2S	Record type of product and quantity being loaded. See Special Condition No. 16.G	Sulfur assumed to contain 300 ppmv H2S/H2Sx, 50% soluble as H2S, 1% depletion per hour. Monthly records.	Records of the total amount of each product loaded will be maintained and emissions calculated to determine compliance with the cap. Throughput and emissions will be updated monthly.
SR5L02	SR5 Loading Rack	H_2S	Record type of product and quantity being loaded. See Special Condition No. 16.G	Sulfur assumed to contain 300 ppmv H2S/H2Sx, 50% soluble as H2S, 1% depletion per hour. Monthly records.	Records of the total amount of each product loaded will be maintained and emissions calculated to determine compliance with the cap. Throughput and emissions will be updated monthly.
SRTT	SR3/4 Loading Rack	H_2S	Record type of product and quantity being loaded. See Special Condition No. 16.G	Sulfur assumed to contain 300 ppmv H2S/H2Sx, 50% soluble as H2S, 1% depletion per hour. Monthly records.	Records of the total amount of each product loaded will be maintained and emissions calculated to determine compliance with the cap. Throughput and emissions will be updated monthly.
TCACIDLOAD	Acid Tank Car Loading	VOC	Record type of product (spent sulfuric acid) and quantity being loaded.	Material loaded. Hourly calculations assuming 100% VOC from spent sulfuric acid volatilizes and is emitted.	Material loaded. Annual calculations assuming 50% VOC from spent sulfuric acid volatilizes and is emitted.
MARLOAD	Marine Fugitive/Uncontrolled Loading	VOC	Record type of product and quantity being loaded. Continuous pressure monitoring with records every 15 minutes. See Special Condition No. 63.	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 99.9% control efficiency for vapor recovery.	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 99.9% control efficiency for vapor recovery.
		Benzene	Record type of product and quantity being loaded. Continuous pressure monitoring with records every 15 minutes. See Special Condition Nos. 59 and 63.	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 99.9% control efficiency for vapor recovery.	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 99.9% control efficiency for vapor recovery.
		H_2S	Record type of product and quantity being loaded. See Special Condition No. 63	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 99.9% control efficiency for vapor recovery.	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 99.9% control efficiency for vapor recovery.
MARSCRB	Phenol Marine Loading Water Scrubber	VOC	Record type of product and quantity being loaded.	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 90% control efficiency for vapor recovery.	Material and monthly throughput. Calculate using AP-42 Chapter 5.2 methods. Use 90% control efficiency for vapor recovery.

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
SR3/4STACK SR8STACK	SR-3/4 Incinerator SR8 Tail Gas Incinerator	CO	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A and 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from stack test, AP-42 factor, or vendor data to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from stack test, AP-42 factor or vendor data to determine emissions.
		NOx	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A and 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from stack test, AP-42 factor, or vendor data to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from stack test, AP-42 factor or vendor data to determine emissions.
		PM/PM10/PM2.5	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A and 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.
		SO_2	CEMS. Data collected four times per hour and averaged hourly. Daily updates of sulfur emission reduction efficiency from SO2 monitor, feed sulfur and composition data. See Special Condition Nos. 7.A and 20.	The hourly SO2 emissions will be calculated using the SO2 CEMS analyzer and unit monitoring data.	SO2 emissions will be calculated using the SO2 CEMS analyzer and unit monitoring data.
		VOC	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A and 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.
		H_2S	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition Nos. 7.A and 20	H2S emissions will be calculated assuming a fixed H2S concentration in the stack and then calculating stack flow based on incinerator firing rate.	H2S emissions will be calculated assuming a fixed H2S concentration in the stack and then calculating stack flow based on incinerator firing rate.
SR5STACK SR6STACK SR7STACK	SR5 Tail Gas Incinerator SR6 Tail Gas Incinerator SR7 Tail Gas Incinerator	CO	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition No. 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 factor or vendor data to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 factor or vendor data to determine emissions.
		NOx	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition No. 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from stack test, AP-42 factor, or vendor data to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from stack test, AP-42 factor or vendor data to determine emissions.
		PM/PM10/PM2.5	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition No. 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.
		SO_2	CEMS. Data collected four times per hour and averaged hourly. Daily updates of sulfur emission reduction efficiency from SO2 monitor, feed sulfur and composition data. See Special Condition No. 20.	The hourly SO2 emissions will be calculated using the SO2 CEMS analyzer and unit monitoring data.	SO2 emissions will be calculated using the SO2 CEMS analyzer and unit monitoring data.
		VOC	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition No. 20	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.	Fuel flow and heating value to determine firing rate. Firing rate and emission factor from AP-42 to determine emissions.
		H_2S	Monitor SRU tail gas incinerator fuel flow continuously and composition, use with fuel heating value to determine firing rate. Data collected four times per hour and averaged hourly. See Special Condition No. 20	H2S emissions will be calculated assuming a fixed H2S concentration in the stack and then calculating stack flow based on incinerator firing rate.	H2S emissions will be calculated assuming a fixed H2S concentration in the stack and then calculating stack flow based on incinerator firing rate.
AP1R1 AP16 AP17 AP2R1 AP6 AP7R1 AP8 D363 F326	AP1R1 Storage Tank AP16 Storage Tank AP17 Storage Tank AP2R1 Storage Tank AP6 Storage Tank AP7R1 Storage Tank AP8 Storage Tank FTXNK2/ANTIICANT Storage Tank F326 Storage Tank	VOC	Monitor and record material stored and throughput. Monitor and record average monthly temperature if heated. See Special Condition No. 16.	Calculate using throughput and product records with AP-42 Chapter 7 methods.	Emissions calculated using AP-42 Chapter 7 methods from throughput and product records to determine compliance with the cap.
		Benzene	Monitor and record material stored and throughput. Monitor and record average monthly temperature if heated. See Special Condition No. 16.	Calculate using throughput and product records with AP-42 Chapter 7 methods.	Emissions calculated using AP-42 Chapter 7 methods from throughput and product records to determine compliance with the cap.
		H_2S	Monitor and record material stored and throughput. Monitor and record average monthly temperature if heated. See Special Condition No. 16.	Calculate using throughput and product records with AP-42 Chapter 7 methods.	Emissions calculated using AP-42 Chapter 7 methods from throughput and product records to determine compliance with the cap.

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
F364	F364 Storage Tank	Ammonia	Monitor and record material stored and throughput. Monitor and record average monthly temperature if heated. See Special Condition No. 16.	Calculate using throughput and product records with AP-42 Chapter 7 methods.	Emissions calculated using AP-42 Chapter 7 methods from throughput and product records to determine compliance with the cap.
F365	F365 Storage Tank				
F366	F366 Storage Tank				
F367	F367 Storage Tank				
G364	G364 Storage Tank				
G313	G313 Storage Tank				
G314R1	G314R1 Storage Tank				
G315	G315 Storage Tank				
G316	G316 Storage Tank				
G317R1	G317R1 Storage Tank				
G319	G319 Storage Tank				
G320	G320 Storage Tank				
G322	G322 Storage Tank				
G366	G366 Storage Tank				
G332	G332 Storage Tank				
G345	G345 Storage Tank				
G346	G346 Storage Tank				
G347	G347 Storage Tank				
G348	G348 Storage Tank				
G352	G352 Storage Tank				
G355	G355 Storage Tank				
G356	G356 Storage Tank				
G357	G357 Storage Tank				
G358	G358 Storage Tank				
G360	G360 Storage Tank				
G361	G361 Storage Tank				
G363	G363 Storage Tank				
J301B	J301B Storage Tank				
J302B	J302B Storage Tank				
J303B	J303B Storage Tank				
J304	J304 Storage Tank				
J305B	J305B Storage Tank				
J306	J306 Storage Tank				
J308	J308 Storage Tank				
J312	J312 Storage Tank				
J315	J315 Storage Tank				
J316	J316 Storage Tank				
J318B	J318B Storage Tank				
J320	J320 Storage Tank				
J322	J322 Storage Tank				
J323	J323 Storage Tank				
J325	J325 Storage Tank				
J326	J326 Storage Tank				
J327	J327 Storage Tank				
J328	J328 Storage Tank				
J329	J329 Storage Tank				
J330	J330 Storage Tank				
J331	J331 Storage Tank				
J332	J332 Storage Tank				
J340	J340 Storage Tank				
J348	J348 Storage Tank				
J349	J349 Storage Tank				
K301	K301 Storage Tank				
K302	K302 Storage Tank				
K303	K303 Storage Tank				
K304	K304 Storage Tank				
K310	K310 Storage Tank				
K311	K311 Storage Tank				
M301	Marine Fuel Oil Storage Tank				
M302	Marine Diesel Storage Tank				
S304	S304 Storage Tank				
S305R1	S305R1 Storage Tank				
S306	S306 Storage Tank				

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
S307	S307 Storage Tank				
S310	S310 Storage Tank				
S313	S313 Storage Tank				
S325	S325 Storage Tank				
S326	S326 Storage Tank				
S395	S395 Storage Tank				
S402	S402 Storage Tank				
SS306	SS306 Storage Tank				
SS307	SS307 Storage Tank				
SS335	SS335 Storage Tank				
SS341	SS341 Storage Tank				
SS343	SS343 Storage Tank				
SS348	SS348 Storage Tank				
SS388	SS388 Storage Tank				
SS396	SS396 Storage Tank				
SS409	SS409 Storage Tank				
SS425	SS425 Storage Tank				
T1211	T1211 Storage Tank				
T1212	T1212 Storage Tank				
T1710	T1710 MDEA Storage Tank				
F329	F329 Storage Tank				
F348	F348 Storage Tank				
T301	T301 Storage Tank				
T302	T302 EXTFLT Refinery WW Storage Tank				
T315	T315 Storage Tank				
T316	T316 Stprage Tank				
T93002	T93002 DEA Storage Tank				
T93402	T93402 MDEA Storage Tank				
T5808	T5808 Storage Tank				
T5809	T5809 Storage Tank				
A308R1	A308 Storage Tank				
A309R1	A309R1 Storage Tank				
A310	A310 Storage Tank				
A313	A313 Storage Tank (OOS)				
A315	A315 Storage Tank				
A317	A317 Storage Tank				
A319R1	A319 Storage Tank				
A321	A321 Storage Tank				
A322	A322 Storage Tank				
A324	A324 Storage Tank				
A325	A325 Storage Tank				
A326	A326 Storage Tank				
A329	A329 Storage Tank				
A330	A330 Storage Tank				
A331	A331 Storage Tank				
A332	A332 Storage Tank				
A334	A334 Storage Tank				
G324R1	G324R1 Storage Tank				
G362	G362 Storage Tank				
J333	J333 Storage Tank				
J334	J334 Storage Tank				
J335	J335 Storage Tank				
K305	K305 Storage Tank				
T93401R1	Molten Sulfur Tank				
U301	U301 Storage Tank				
U302	U302 Storage Tank				
V1111	V1111 Storage Tank				
VA03	VA03 Storage Tank				
VA04	VA04 Storage Tank				
X314	X314 Storage Tank				
X315	X315 Storage Tank				

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
X320 X322 X323 A305R1 A307R1 A312R1 A316R1 A320R1 A327 A328 A333 AP20 AP21 D363 F349 F351 G359 G365 G367 H343 J339R1 J341 S343 S344 SS336 SS351 SS352 SS390	X320 Storage Tank X322 Storage Tank X323 Storage Tank A305R1 Storage Tank A307R1 Storage Tank A312R1 Storage Tank A316R1 Storage Tank A320R1 Storage Tank A327 Storage Tank A328 Storage Tank A333 Storage Tank AP20 Storage Tank AP21 Storage Tank D363 Storage Tank F349 Storage Tank F351 Storage Tank G359 Storage Tank G365 Storage Tank G367 Storage Tank H343 Storage Tank J339R1 Storage Tank J341 Storage Tank S343 Storage Tank S344 Storage Tank SS336 Storage Tank SS351 Storage Tank SS352 Storage Tank SS390 Storage Tank				
V54	Vessel/Regen Gas KO Pot	VOC	None, assume maximum emissions per representations in application, which is based on stack test results.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	For cap compliance purposes, emissions will equal permit representations.
V5369	CR3 Pressure Vessel	VOC	None, assume maximum emissions per representations in application,	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	For cap compliance purposes, emissions will equal permit representations.
		Benzene	None, assume maximum emissions per representations in application.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	For cap compliance purposes, emissions will equal permit representations.
NETCATOX	NET Catalytic Oxidizer	VOC	None, assume maximum emissions per representations in application.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.
		H_2S	None, assume maximum emissions per representations in application.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.
NETCC	NET Controlled Centrifuge Emissions – Carbon Beds	VOC	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.
		H_2S	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.	Maximum emissions are calculated assuming maximum operating conditions as represented in permit calculations.

EPN	SOURCE	POLLUTANT	MONITORING	SHORT-TERM EMISSIONS RATES CALCULATIONS	ANNUAL EMISSIONS RATES CALCULATIONS
CCLP DD2 DNF DOCKS MH4CAS NAB OWATCTF OWDU1 SAB TC&G TFSCAS X330SM X330	WW - Cat Cracker Lube Plant WW - Dispatching Distilling 2 Dock Wastewater Collection North Aeration Basin WW - Alky Tank Farm Oily Water WW - Sewer Oily Water HUB South Aeration Basin WW - Thermal Cracking & Gas Treating WW - Sump WW - Equalization Tank	VOC	Actual sample (semi-annual or annual) and wastewater flow data (continuous where available) will be obtained.	Emissions will be determined by obtaining actual sample and wastewater flow data. This data will be used as inputs to the Shell version of the EPA wastewater treatment emissions calculations model (“CHEMSETS”). The model and the actual data together will be used to determine the annual emissions from the wastewater treatment facilities.	Emissions will be determined by obtaining actual sample and wastewater flow data. This data will be used as inputs to the Shell version of the EPA wastewater treatment emissions calculations model (“CHEMSETS”). The model and the actual data together will be used to determine the annual emissions from the wastewater treatment facilities.
		Benzene	Actual sample (semi-annual or annual) and wastewater flow data (continuous where available) will be obtained.	Emissions will be determined by obtaining actual sample and wastewater flow data. This data will be used as inputs to the Shell version of the EPA wastewater treatment emissions calculations model (“CHEMSETS”). The model and the actual data together will be used to determine the annual emissions from the wastewater treatment facilities.	Emissions will be determined by obtaining actual sample and wastewater flow data. This data will be used as inputs to the Shell version of the EPA wastewater treatment emissions calculations model (“CHEMSETS”). The model and the actual data together will be used to determine the annual emissions from the wastewater treatment facilities.
		Ammonia	Actual sample (semi-annual or annual) and wastewater flow data (continuous where available) will be obtained.	Emissions will be determined by obtaining actual sample and wastewater flow data. This data will be used as inputs to the Shell version of the EPA wastewater treatment emissions calculations model (“CHEMSETS”). The model and the actual data together will be used to determine the annual emissions from the wastewater treatment facilities.	Emissions will be determined by obtaining actual sample and wastewater flow data. This data will be used as inputs to the Shell version of the EPA wastewater treatment emissions calculations model (“CHEMSETS”). The model and the actual data together will be used to determine the annual emissions from the wastewater treatment facilities.

Date: January 8, 2021

Emission Sources - Maximum Allowable Emission Rates

Flexible Permit Numbers 21262 and PSDTX928

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)
ROUTCAP	Routine Emissions Cap	CO	659.90	2333.44
		NO_x	358.16	1251.82
		PM	51.79	190.35
		PM_{10}	51.79	190.35
		$PM_{2.5}$	51.79	190.35
		SO_2	1770.47	4806.63
		VOC	1539.41	2091.21
		Benzene	8.09	13.87
		H_2S	6.89	19.93
		Ammonia	4.99	21.18
MSSCAP	MSS Emissions Cap	CO	189.01	5.94
		NO_x	14.77	0.70
		PM	19.25	12.40
		PM_{10}	19.25	12.40
		$PM_{2.5}$	19.25	12.40
		SO_2	1560.81	46.07
		VOC	2589.87	64.20
		Benzene	19.80	0.11
		H_2S	59.86	2.21

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
H600	FCCU CO Boiler	CO	346.20	1381.92
		NO_x	56.88	124.56
		PM	66.00	289.08
		PM_{10}	66.00	289.08
		$PM_{2.5}$	66.00	289.08
		SO_2	593.48	216.62
		VOC	3.20	14.02
		Ammonia	5.25	23.02
H613	DU-1 Secondary Pre-Heater	CO	Hourly emissions within ROUTCAP	58.43
		NO_x		21.69
		PM		5.29
		PM_{10}		5.29
		$PM_{2.5}$		5.29
		SO_2		7.62
		VOC		3.83

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
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
H_2S - hydrogen sulfide
(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.

Date: January 8, 2021

MAERT Attachment
EPNs Included within Caps

This table identifies the emission points and sources that emit air contaminants and the species they may emit. The total emissions from these facilities shall not exceed the non-MSS emission caps provided on the previous pages.

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
A305R1	Storage Tank A305R1					x	x	x	
A307R1	Storage Tank A307R1					x	x	x	
A308R1	Storage Tank A308R1					x	x	x	
A309R1	Storage Tank A309R1					x	x	x	
A310	Storage Tank A310					x	x	x	
A312R1	Storage Tank A312R1					x	x	x	
A313	Storage Tank A313					x	x	x	
A315	Storage Tank A315					x	x	x	
A316R1	Storage Tank A316R1					x	x	x	
A317	Storage Tank A317					x	x	x	
A319R1	Storage Tank A319R1					x	x	x	
A320R1	Storage Tank A320R1					x	x	x	
A321	Storage Tank A321					x	x	x	
A322	Storage Tank A322					x	x	x	
A324	Storage Tank A324					x	x	x	
A325	Storage Tank A325					x	x	x	
A326	Storage Tank A326					x	x	x	
A327	Storage Tank A327					x	x	x	
A328	Storage Tank A328					x	x	x	
A329	Storage Tank A329					x	x	x	
A330	Storage Tank A330					x	x	x	
A331	Storage Tank A331					x	x	x	
A332	Storage Tank A332					x	x	x	
A333	Storage Tank A333					x	x	x	
A334	Storage Tank A334					x	x	x	
AE2340	Octane Testing Engine	x	x	x	x	x			
AE2636	Octane Testing Engine	x	x	x	x	x			
AE2650	Octane Testing Engine	x	x	x	x	x			
AE348	On-line Knock Engine	x	x	x	x	x			
AE349	On-line Knock Engine	x	x	x	x	x			
AE388	On-line Knock Engine	x	x	x	x	x			
AE389	On-line Knock Engine	x	x	x	x	x			
AE700	Octane Testing Engine	x	x	x	x	x			
AE768	Octane Testing Engine	x	x	x	x	x			
AP1R1	Storage Tank AP1R1					x	x	x	
AP16	AP16 Storage Tank					x	x	x	
AP17	AP17 Storage Tank					x	x	x	
AP2R1	Storage Tank AP2R1					x	x	x	

MAERT Attachment
EPNs Included Within Caps

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
AP20	Storage Tank AP20					x	x	x	
AP21	Storage Tank AP21					x	x	x	
AP6	AP6 Storage Tank					x	x	x	
AP7R1	Storage Tank AP7R1					x	x	x	
AP8	AP8 Storage Tank					x	x	x	
CCLP	WW - Cat Cracker Lube Plant					x	x	x	x
CWT10	Cooling Tower No. 10			x		x			
CWT11	Cooling Tower No. 11			x		x			
CWT12	Cooling Tower No. 12			x		x			
CWT14	Cooling Tower No. 14			x		x			
CWT15	Cooling Tower No. 15			x		x			
CWT16/16A	Cooling Tower No. 16/16A			x		x			
CWT17	Cooling Tower No. 17			x		x			
CWT6	Cooling Tower No. 6			x		x			
CWT7	Cooling Tower No. 7			x		x			
CWT8	Cooling Tower No. 8			x		x			
CWT9	Cooling Tower No. 9			x		x			
D363	FTXNK2/ANTIICANT Storage Tank					x			
DD2	WW - Dispatching Distilling 2					x	x	x	x
DNF	DNF Float Tank					x	x	x	x
DOCKS	Dock Wastewater Collection					x	x		x
F326	F326 Storage Tank					x	x	x	
F329	Storage Tank F329					x	x	x	
F348	Storage Tank F348					x	x	x	
F349	Storage Tank F349					x	x		x
F351	Storage Tank F351					x	x		x
F364	F364 Storage Tank					x	x	x	
F365	F365 Storage Tank					x	x	x	
F366	F366 Storage Tank					x			
F367	F367 Storage Tank					x			
FLARECCU	CCU Flare	x	x		x	x		x	
FLARECOKE	Coker Flare	x	x		x	x		x	
FLAREEP	East Property Flare	x	x		x	x		x	
FLAREGIRB	EP (Girbitol) Flare	x	x		x	x		x	
FLARENP	North Property Flare	x	x		x	x		x	
FLARESOUTH	South Property Flare	x	x		x	x		x	
FLAREWP	West Property Flare	x	x		x	x		X	
FUGALKY	Alky Fugitives (5)					x	x		
FUGCCU	FCCU Fugitives (5)					x	x	x	x

MAERT Attachment
EPNs Included Within Caps

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
FUGCFH	CFH Fugitives (5)					x	x	x	x
FUGCGHT	CGHT Fugitives (5)					x	x		
FUGCOKEPIT	Decoking from Drums (5)			x					
FUGCOKEPM1	Coke Pile Wind Erosion Fugitives (5)			x					
FUGCOKEPM1A	Coke Pile 2 Wind Erosion Fugitives (5)			x					
FUGCOKEPM2	Coke Pile Crane Fugitives (5)			x					
FUGCOKEPM3	Coke Crusher Fugitives (5)			x					
FUGCOKEPM4	Coke Crusher Discharge Fugitives (5)			x					
FUGCOKEPM5	Coke Transfer Conveyor Fugitives (5)			x					
FUGCOKER	Coke Handling Fugitives (5)					x	x	x	x
FUGCPU	CPU Fugitives (5)					x	x		
FUGCR3	CR3 Fugitives (5)					x	x		
FUGDHT	DHT Fugitives (5)					x	x	x	
FUGDISP	DISP Fugitives (5)					x	x	x	X
FUGDOCK	Dock Fugitives (5)					x	x		
FUGDU1	DU1 Fugitives (5)					x	x	x	
FUGDU2	DU2 Fugitives (5)					x	x	x	X
FUGENVN	Environmental North Fugitives (5)					x	x		
FUGEPFGR	EPFRG Fugitives (5)					x		x	
FUGGFRAC	GFRAC Fugitives (5)					x	x	x	x
FUGGIRBIT	Girbitol Fugitives (5)					x		x	
FUGGOHT	GOHT Fugitives (5)					x	x	x	x
FUGHDU1	HDU1 Fugitives (5)					x	x	x	
FUGHNS	HNS Fugitives (5)					x	x		
FUGPLAT2	PLAT2 Fugitives (5)					x	x		
FUGPSA	PSA Fugitives (5)					x	x	x	
FUGSGP	SGP Fugitives (5)					x	x	X	
FUGSHCU	SHCU Fugitives (5)					x	x	X	
FUGSR3/4	SR3/4 Fugitives (5)					x			
FUGSR5	SR5 Fugitives (5)					x	x		
FUGSR6/7	SR6/7 Fugitives (5)					x	X		
FUGSR8	SR8 Fugitives (5)					x			
FUGTHCR	Thermal Cracking Fugitives (5)					x			
FUGWBT	West Blend Tank Fugitives (5)					x			
G313	G313 Storage Tank					x	x	x	
G314R1	Storage Tank G314R1					x	x		

MAERT Attachment
EPNs Included Within Caps

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
G315	G315 Storage Tank					x	x	x	
G316	G316 Storage Tank					x			
G317R1	Storage Tank G317R1					x	x		
G319	G319 Storage Tank					x	x		
G320	G320 Storage Tank					x	x	x	
G322	G322 Storage Tank					x	x		
G324R1	Storage Tank G324R1					x	x	x	
G332	G332 Storage Tank					x	x	x	
G345	G345 Storage Tank					x	x		
G346	G346 Storage Tank					x	x		
G347	G347 Storage Tank					x	x		
G348	G348 Storage Tank					x	x	x	
G352	G352 Storage Tank					x	x		
G355	G355 Storage Tank					x	x	x	
G356	G356 Storage Tank					x	x		
G357	G357 Storage Tank					x	x	x	
G358	G358 Storage Tank					x	x	x	
G359	G359 Storage Tank					x	x		
G360	G360 Storage Tank					x	x	x	
G361	G361 Storage Tank					x	x		
G362	Storage Tank G362					x	x	x	
G363	Storage Tank G363					x	x	x	
G364	Storage Tank G364					x	x	x	
G365	Storage Tank G365					x	x	x	
G366	Storage Tank G366					x	x	x	
G367	Storage Tank G367					x	x		
H1000	PLAT2 Heater	x	x	x	x	x			
H1001	PLAT2 Sulfur Guard Bed Start-up Heater	x	x	x	x	x			
H1010	HDU-1 Charge Heater	x	x	x	x	x			
H1011	HDU-1 Reboiler Heater	x	x	x	x	x			
H1100	DHT Heater	x	x	x	x	x			
H1170	CFH Charge Heater	x	x	x	x	x			
H31001/2	Coker Heaters No. 1 and 2	x	x	x	x	x			
H31003	Coker Heater No. 3	x	x	x	x	x			
H3300	DHT H_2 Heater	x	x	x	x	x			
H343	Storage Tank H343					x	x	x	
H36100	CGHT Heater	x	x	x	x	x			
H5100	DU-2 South Crude Heater	x	x	x	x	x			
H5101	DU-2 North Crude Heater	x	x	x	x	x			
H5102	DU-2 South Flasher Charge Heater	x	x	x	x	x			

MAERT Attachment
EPNs Included Within Caps

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
H5103	DU-2 North Flasher Charge Heater	x	x	x	x	x			
H5104	DU-2 Preflash Heater	x	x	x	x	x			
H5105	DU-2 Preflash2 Heater	x	x	x	x	x			
H5200	HDU-2 Charge Heater	x	x	x	x	x			
H53NN	Catalytic Reformer SCR	x	x	x	x	x			x
H5400	SHCU South Charge Heater	x	x	x	x	x			
H5402	SHCU Reboiler Heater	x	x	x	x	x			
H5403	SHCU North Charge Heater	x	x	x	x	x			
H5404	SHCU Post-Frac Heater	x	x	x	x	x			
H5600	SGP Heat Medium Heater	x	x	x	x	x			
H613	DU-1 Secondary Pre-Heater	x	x	x	x	x			
H63000	HVI Column Charge Heater	x	x	x	x	x			
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	x	x	x	x	x			
J301B	J301B Storage Tank					x	x	x	
J302B	J302B Storage Tank					x	x	x	
J303B	J303B Storage Tank					x	x	x	
J304	J304 Storage Tank					x	x	x	
J305B	J305B Storage Tank					x	x	x	
J306	J306 Storage Tank					x	x	x	
J308	J308 Storage Tank					x	x	x	
J312	J312 Storage Tank					x	x	x	
J315	J315 Storage Tank					x	x	x	
J316	J316 Storage Tank					x	x	x	
J318B	J318B Storage Tank					x	x	x	x
J320	J320 Storage Tank					x	x		x
J322	J322 Storage Tank					x	x	x	
J323	J323 Storage Tank					x	x	x	
J325	J325 Storage Tank					x	x	x	
J326	J326 Storage Tank					x	x	x	
J328	J328 Storage Tank					x	x	x	
J329	J329 Storage Tank					x	x	x	
J330	J330 Storage Tank					x	x	x	
J331	J331 Storage Tank					x	x	x	
J332	J332 Storage Tank					x	x	x	
J333	Storage Tank J333					x	x	x	
J334	Storage Tank J334					x	x	x	
J335	Storage Tank J335					x	x	x	
J339R1	Storage Tank J339R1					x	x	x	
J340	J340 Storage Tank					x	x	x	
J341	Storage Tank J341					x	x		x

MAERT Attachment
EPNs Included Within Caps

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
J348	J348 Storage Tank					x	x	x	
J349	J349 Storage Tank					x	x	x	
K301	K301 Storage Tank					x	x	x	
K302	K302 Storage Tank					x	x	x	
K303	K303 Storage Tank					x	x	x	
K304	K304 Storage Tank					x	x	x	
K305	Storage Tank K305					x	x	x	
K310	K310 Storage Tank					x	x	x	
K311	K311 Storage Tank					x	x	x	
LDSULF67	SR6 and SR7 Loading Rack							x	
M301	Marine Fuel Oil Storage Tank					x	x	x	
M302	Marine Diesel Storage Tank					x	x	x	
MARLOAD	Marine Loading					x	x	x	
MARSCRB	Center Dock & Barge Dock Scrubbers					x			
MH4CAS	Manhole 4 CAS Vent					x	x	x	x
NAB	North Aeration Basin					x	x	x	x
NETCATOX	NET Catalytic Oxidizer	x	x		x	x	x	x	
NETCC	NET Controlled Centrifuge					x	x	x	
OWATCTF	WW - Alky Tank Farm Oily Water					x	x		
OWDU1	WW- Sewer Oily Water Hub					x	x		x
REFANLZ	Refinery Analyzers	x	x	x	x	x	x	x	
S304	Storage Tank S304					x	x	x	x
S305R1	Storage Tank S305R1					x		x	
S306	S306 Storage Tank					x		x	
S307	S307 Storage Tank					x	x	x	x
S310	S310 Storage Tank					x	x	x	x
S313	S313 Storage Tank					x	x	x	x
S325	S325 Storage Tank					x	x	x	x
S326	S326 Storage Tank					x	x	x	x
S343	S343 Storage Tank					x	x	x	x
S344	S344 Storage Tank					x	x	x	x
S395	S395 Storage Tank					x	x	x	x
S402	S402 Storage Tank					x		x	
SAB	South Aeration Basin					x	x	x	x
SR3/4STACK	SR-3/4 Incinerator	x	x	x	x	x		x	
SR5L01	SR5 Loading Rack							x	
SR5L02	SR5 Loading rack							x	
SR5STACK	SR5 Tail Gas Incinerator	x	x	x	x	x		x	
SR6STACK	SR6 Tail Gas Incinerator	x	x	x	x	x		x	

MAERT Attachment
EPNs Included Within Caps

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
SR7STACK	SR7 Tail Gas Incinerator	x	x	x	x	x		x	
SR8STACK	SR8 Tail Gas Incinerator	x	x	x	x	x		x	
SRTT	SR3/4 Loading Rack							x	
SS306	SS306 Storage Tank					x			
SS307	SS307 Storage Tank					x			
SS335	SS335 Storage Tank					x	x	x	x
SS336	Storage Tank SS336					x			
SS341	SS341 Storage Tank					x			
SS343	SS343 Storage Tank					x	x	x	
SS348	SS348 Storage Tank					x	x	x	x
SS351	Storage Tank SS351					x			
SS388	SS388 Storage Tank					x			
SS390	Storage Tank SS390					x	x	x	x
SS396	SS396 Storage Tank					x			
SS409	Storage Tank SS409					x			
SS425	SS425 Storage Tank					x	x		x
T1211	T1211 Storage Tank					x			
T1212	T1212 Storage Tank					x		x	
T1710	T1710 Storage Tank					x			
T301	T301 Storage Tank					x	x		x
T302	T302 EXTFLT Refinery WW Storage Tank					x	x		x
T315	T315 Storage Tank					x			
T316	Methanol Storage Tank					x			
T5808	Storage Tank T5808					x	x	x	
T5809	Storage Tank T5809					x	x	x	
T93002	T93002 DEA Storage Tank					x			x
T93401R1	Storage Tank T93401R1							x	
T93402	T93402 MDEA Storage Tank					x			
TC&G	WW – Thermal Cracking and Gas Treating					x	x	x	x
TCACIDLOAD	Acid Tank Car Loading					x			
TFSCAS	Trickle Filter Sump CAS Vent					x	x	x	x
U301	U301 Storage Tank					x			
U302	U302 Storage Tank					x			
V1111	V1111 Storage Tank					x			
V5369	CR3 Pressure Vessel					x	x		
V54	Vessel/Regen Gas KO Pot					x			
VA03	VA03 Storage Tank					x	x	x	
VA04	VA04 Storage Tank					x	x	x	

MAERT Attachment
EPNs Included Within Caps

Emission Point No. (1)	Source Name (2)	CO	NO_x	PM PM_{10} $PM_{2.5}$	SO_2	VOC	Ben-zene	H_2S	NH_3
WSAC	Wet Surface Air Cooler			x					
X314	Storage Tank X314					x	x	x	x
X315	Ballast Water Storage Tank					x	x	x	
X320	Ballast Water O/S Storage Tank					x	x	x	
X322	X322 Storage Tank					x	x		x
X323	X323 Storage Tank					x	x		x
X330	WW - Equalization Tank					x	x	x	x
X330SM	WW - Sump					x	x	x	x

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
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
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H_2S - hydrogen sulfide
NH_3 - ammonia
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
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Date: January 8, 2021