FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
ONEOK Hydrocarbon, L.P.

AUTHORIZING THE OPERATION OF
NGL Fractionation and Storage Complex
Mont Belvieu NGL Fractionation and Storage Complex
Natural Gas Liquid Extraction

LOCATED AT
Chambers County, Texas
Latitude 29° 51′ 30″ Longitude 94° 53′ 25″
Regulated Entity Number: RN100222207

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: O3645 Issuance Date: August 21, 2024

For the Commission

Table of Contents

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, Subpart ZZZZ, as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090, which incorporates the 40 CFR Part 63 Subpart by reference.

F. 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

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

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

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

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

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

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

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

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

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

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

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

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

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A,

Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

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

(ii) Title 30 TAC § 111.111(a)(1)(E)

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

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

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

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

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

from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

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

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

B. For visible emissions from 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.

C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

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

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

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

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

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

F. 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 § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)

(iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)

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

A. Title 30 TAC § 115.512(1) (relating to Control Requirements)

B. Title 30 TAC § 115.512(2) (relating to Control Requirements)

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

D. Title 30 TAC § 115.515 (relating to Testing Requirements)

6. The permit holder shall comply with the requirements of 30 TAC § 115.726(e)(3)(A) for vent streams having no potential to emit HRVOC.

7. The permit holder shall comply with the requirements of 30 TAC § 115.726(e)(3)(A) for vent streams from sources exempt under 30 TAC § 115.727(c)(3).

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 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.

10. For each gasoline dispensing facility, with a throughput of less than 10,000 gallons per month as specified in 40 CFR Part 63, Subpart CCCCCC, the permit holder shall comply with the following requirements (Title 30 TAC, Subchapter C, § 113.1380 incorporated by reference):

    A. Title 40 CFR § 63.11111(e), for records of monthly throughput

    B. Title 40 CFR § 63.11111(i), for compliance due to increase of throughput

    C. Title 40 CFR § 63.11111(j), for dispensing from fixed tank into portable tank for on-site delivery

    D. Title 40 CFR § 63.11113(c), for compliance due to increase of throughput

    E. Title 40 CFR § 63.11115(a), for operation of the source

    F. Title 40 CFR § 63.11116(a) and (a)(1) - (4), for work practices

    G. Title 40 CFR § 63.11116(b), for records availability

    H. Title 40 CFR § 63.11116(d), for portable gasoline containers

11. 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

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

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

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

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

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

E. The permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:

(i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks 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 ppm above background or as defined by the underlying applicable requirement; or

(ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.

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

13. 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

14. 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 terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated September 19, 2023 in the application for project 34735), 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

15. 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.

16. 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).

17. 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

Compliance Requirements

18. 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.

19. 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 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.

20. 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)

21. 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

22. 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

23. 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.

Temporary Fuel Shortages (30 TAC § 112.15)

24. The permit holder shall comply with the following 30 TAC Chapter 112 requirements:

A. Title 30 TAC § 112.15 (relating to Temporary Fuel Shortage Plan Filing Requirements)

B. Title 30 TAC § 112.16(a), (a)(1), and (a)(2)(B) - (C) (relating to Temporary Fuel Shortage Plan Operating Requirements)

C. Title 30 TAC § 112.17 (relating to Temporary Fuel Shortage Plan Notification Procedures)

D. Title 30 TAC § 112.18 (relating to Temporary Fuel Shortage Plan Reporting Requirements)

Permit Location

25. 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)

26. 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

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
BAIRCOMP	SRIC ENGINES	N/A	117-ENG3	30 TAC Chapter 117, Subchapter B	No changing attributes.
BAIRCOMP	SRIC ENGINES	N/A	63ZZZZ-ENG5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
BOIL-PORT	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	112-HEATER1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
C-51608A	FUGITIVE EMISSION UNITS	N/A	R5171-1	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
C-51608A	FUGITIVE EMISSION UNITS	N/A	60OOOOA-3	40 CFR Part 60, Subpart OOOOa	Reciprocating compressor = Reciprocating compressor rod packing being replaced on or before 26,000 hours of operation
C-51608A	FUGITIVE EMISSION UNITS	N/A	60OOOOA-4	40 CFR Part 60, Subpart OOOOa	Reciprocating compressor = Reciprocating compressor rod packing being replaced prior to 36 months from the date of the previous replacement or startup
C-51608B	FUGITIVE EMISSION UNITS	N/A	R5171-1	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
C-51608B	FUGITIVE EMISSION UNITS	N/A	60OOOOA-3	40 CFR Part 60, Subpart OOOOa	Reciprocating compressor = Reciprocating compressor rod packing being replaced on or before 26,000 hours of operation
C-51608B	FUGITIVE EMISSION UNITS	N/A	60OOOOA-4	40 CFR Part 60, Subpart OOOOa	Reciprocating compressor = Reciprocating compressor rod packing being replaced prior to 36 months from the date of the previous replacement or startup
C-51608C	FUGITIVE EMISSION	N/A	R5171-1	30 TAC Chapter 115, Oil and	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	UNITS			Natural Gas Service	
C-51608C	FUGITIVE EMISSION UNITS	N/A	60OOOOA-3	40 CFR Part 60, Subpart OOOOa	Reciprocating compressor = Reciprocating compressor rod packing being replaced on or before 26,000 hours of operation
C-51608C	FUGITIVE EMISSION UNITS	N/A	60OOOOA-4	40 CFR Part 60, Subpart OOOOa	Reciprocating compressor = Reciprocating compressor rod packing being replaced prior to 36 months from the date of the previous replacement or startup
C-5601A	FUGITIVE EMISSION UNITS	N/A	R5171-1	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
C-5601A	FUGITIVE EMISSION UNITS	N/A	60OOOO-3	40 CFR Part 60, Subpart OOOO	Reciprocating Compressor = Reciprocating compressor rod packing being replaced on or before 26,000 hours of operation
C-5601A	FUGITIVE EMISSION UNITS	N/A	60OOOO-4	40 CFR Part 60, Subpart OOOO	Reciprocating Compressor = Reciprocating compressor rod packing being replaced prior to 36 months from the date of the previous replacement or startup
C-5601B	FUGITIVE EMISSION UNITS	N/A	R5171-1	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
C-5601B	FUGITIVE EMISSION UNITS	N/A	60OOOO-3	40 CFR Part 60, Subpart OOOO	Reciprocating Compressor = Reciprocating compressor rod packing being replaced on or before 26,000 hours of operation
C-5601B	FUGITIVE EMISSION UNITS	N/A	60OOOO-4	40 CFR Part 60, Subpart OOOO	Reciprocating Compressor = Reciprocating compressor rod packing being replaced prior to 36 months from the date of the

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					previous replacement or startup
C-60107	COMPRESSOR	N/A	60OOOOB-3	40 CFR Part 60, Subpart OOOOb	No changing attributes
C-61100A	COMPRESSOR	N/A	60OOOOB-3	40 CFR Part 60, Subpart OOOOb	No changing attributes
C-61100B	COMPRESSOR	N/A	60OOOOB-3	40 CFR Part 60, Subpart OOOOb	No changing attributes
CT-41601	INDUSTRIAL PROCESS COOLING TOWERS	N/A	115-CT0001	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
CT-51601	INDUSTRIAL PROCESS COOLING TOWERS	N/A	115-CT0001	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
CT-5601	INDUSTRIAL PROCESS COOLING TOWERS	N/A	115-CT0001	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
CT-61601	INDUSTRIAL PROCESS COOLING TOWERS	N/A	115CT-0001	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
CT-7601	INDUSTRIAL PROCESS COOLING TOWERS	N/A	115-CT0001	30 TAC Chapter 115, HRVOC Cooling Towers	No changing attributes.
DEGAS1	FLARES	N/A	115-FLARE4	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
DEGAS1DRUM	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115H-VENT1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
DEGAS1DRUM	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
DEGAS2	FLARES	N/A	115-FLARE3	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
DEGAS2DRUM	EMISSION	N/A	115H-VENT5	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
	POINTS/STATIONARY VENTS/PROCESS VENTS			HRVOC Vent Gas	
DEGAS2DRUM	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
ENG01	SRIC ENGINES	N/A	117-ENG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG01	SRIC ENGINES	N/A	60JJJJ-ENG2	40 CFR Part 60, Subpart JJJJ	No changing attributes.
ENG01	SRIC ENGINES	N/A	63ZZZZ-ENG1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG02	SRIC ENGINES	N/A	117-ENG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG02	SRIC ENGINES	N/A	60JJJJ-ENG2	40 CFR Part 60, Subpart JJJJ	No changing attributes.
ENG02	SRIC ENGINES	N/A	63ZZZZ-ENG2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG03	SRIC ENGINES	N/A	117-ENG2	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG03	SRIC ENGINES	N/A	60IIII-ENG10	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG03	SRIC ENGINES	N/A	63ZZZZ-ENG3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG04B	SRIC ENGINES	N/A	117-ENG2	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG04B	SRIC ENGINES	N/A	60IIII-ENG5	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG04B	SRIC ENGINES	N/A	63ZZZZ-ENG3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
ENG07	SRIC ENGINES	N/A	117-ENG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG07	SRIC ENGINES	N/A	60JJJJ-ENG4	40 CFR Part 60, Subpart JJJJ	No changing attributes.
ENG07	SRIC ENGINES	N/A	63ZZZZ-ENG10	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG09	SRIC ENGINES	N/A	117-ENG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG09	SRIC ENGINES	N/A	60JJJJ-ENG2	40 CFR Part 60, Subpart JJJJ	No changing attributes.
ENG09	SRIC ENGINES	N/A	63ZZZZ-9	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG10	SRIC ENGINES	N/A	117-ENG2	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG10	SRIC ENGINES	N/A	60IIII-ENG10	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG10	SRIC ENGINES	N/A	63ZZZZ-ENG3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG11	SRIC ENGINES	N/A	117-ENG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG11	SRIC ENGINES	N/A	60JJJJ-ENG2	40 CFR Part 60, Subpart JJJJ	No changing attributes.
ENG11	SRIC ENGINES	N/A	63ZZZZ-ENG2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FL-51600	FLARES	N/A	111-FLARE1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-51600	FLARES	N/A	60A-FLARE1	40 CFR Part 60, Subpart A	No changing attributes.
FL-5600	FLARES	N/A	111-FLARE1	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
				Emissions	
FL-5600	FLARES	N/A	60A-FLARE1	40 CFR Part 60, Subpart A	No changing attributes.
FL-AR2	FLARES	N/A	111-FLARE1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-DRUMAR2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FL51600DRU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FL5600DRUM	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FLARE	FLARES	N/A	111-FLARE1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FLARE	FLARES	N/A	115-FLARE5	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
FLARE	FLARES	N/A	60A-FLARE1	40 CFR Part 60, Subpart A	No changing attributes.
FLARE-DRUM	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115H-VENT3	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
FLARE-DRUM	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FP2	SRIC ENGINES	N/A	117-ENG2	30 TAC Chapter 117, Subchapter B	No changing attributes.
FP2	SRIC ENGINES	N/A	60IIII-ENG10	40 CFR Part 60, Subpart IIII	No changing attributes.
FP2	SRIC ENGINES	N/A	63ZZZZ-ENG3	40 CFR Part 63, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				ZZZZ	
FUG-AR2	FUGITIVE EMISSION UNITS	N/A	115H-FUG3	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
FUG-AR2	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUG-AR2	FUGITIVE EMISSION UNITS	N/A	60OOOOA-ALL	40 CFR Part 60, Subpart OOOOa	No changing attributes.
FUG01	FUGITIVE EMISSION UNITS	N/A	115H-FUG3	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
FUG01	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUG01	FUGITIVE EMISSION UNITS	N/A	60KKK-ALL	40 CFR Part 60, Subpart KKK	No changing attributes.
FUG02	FUGITIVE EMISSION UNITS	N/A	115H-FUG3	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
FUG02	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUG02	FUGITIVE EMISSION UNITS	N/A	60OOOO-ALL	40 CFR Part 60, Subpart OOOO	No changing attributes.
FUG03	FUGITIVE EMISSION UNITS	N/A	115H-FUG3	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
FUG03	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUG03	FUGITIVE EMISSION UNITS	N/A	60OOOOA-ALL	40 CFR Part 60, Subpart OOOOa	No changing attributes.
FUG04	FUGITIVE EMISSION UNITS	N/A	115H-FUG3	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FUG04	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUG04	FUGITIVE EMISSION UNITS	N/A	60OOOOA-ALL	40 CFR Part 60, Subpart OOOOa	No changing attributes.
FUG05	FUGITIVE EMISSION UNITS	N/A	115H-FUG3	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
FUG05	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUG05	FUGITIVE EMISSION UNITS	N/A	60OOOOB-ALL	40 CFR Part 60, Subpart OOOOb	No changing attributes.
FUG1	FUGITIVE EMISSION UNITS	N/A	115H-FUG1	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
FUG1	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUG1	FUGITIVE EMISSION UNITS	N/A	60OOOOB-ALL	40 CFR Part 60, Subpart OOOOb	No changing attributes.
FUGEP1	FUGITIVE EMISSION UNITS	N/A	115H-FUG3	30 TAC Chapter 115, HRVOC Fugitive Emissions	No changing attributes.
FUGEP1	FUGITIVE EMISSION UNITS	N/A	R5170-ALL	30 TAC Chapter 115, Oil and Natural Gas Service	No changing attributes.
FUGEP1	FUGITIVE EMISSION UNITS	N/A	60KKK-ALL	40 CFR Part 60, Subpart KKK	No changing attributes.
GRP-HEATER	PROCESS HEATERS/FURNACES	H-5500, H-5501, H-5502, H-7500, H-7501, H-7502	117-HEATER1	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-HEATER	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	H-5500, H-5501, H-5502, H-7500, H-7501, H-7502	60DB-HEATER1	40 CFR Part 60, Subpart Db	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-HEATER2	PROCESS HEATERS/FURNACES	H-41500, H-41501, H-51500, H-51501, H-61500, H-61501	117-HEATER1	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-HEATER2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	H-41500, H-41501, H-51500, H-51501, H-61500, H-61501	60DB-HEATER1	40 CFR Part 60, Subpart Db	No changing attributes.
GRP-HTRVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ACIDFLASH2, ACIDFLASH3, ACIDFLASH4, ACIDFLASH5, ACIDFLASH6, ACIDGAS2, ACIDGAS3, ACIDGAS4, ACIDGAS5, ACIDGAS6, BUTANETREAT2, BUTANETREAT3, FGRU, FGRU5, GASTREAT2, GASTREAT3, GASTREAT4, GASTREAT5, GASTREAT6	115-VENT2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-LOAD	LOADING/UNLOADING OPERATIONS	LOADSC, LOADWW, TL01	115-LOAD1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOAD-C3-3	LOADING/UNLOADING OPERATIONS	N/A	115-LOADC3	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
SGEN	SRIC ENGINES	N/A	117-ENG1	30 TAC Chapter 117, Subchapter B	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
SGEN	SRIC ENGINES	N/A	63ZZZZ-ENG6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
SGEN2	SRIC ENGINES	N/A	117-ENG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
SGEN2	SRIC ENGINES	N/A	63ZZZZ-ENG7	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
T-2421	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank does not require emission controls
T-2421	STORAGE TANKS/VESSELS	N/A	115-TANK2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a submerged fill pipe and vapor recovery system, Control Device Type = Carbon adsorber (non-regenerative).
T-3421	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank does not require emission controls
T-3421	STORAGE TANKS/VESSELS	N/A	115-TANK5	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a submerged fill pipe and vapor recovery system, Control Device Type = Carbon adsorber (non-regenerative).
T-5100A	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5100B	STORAGE	N/A	115-TANK1	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	
T-5101A	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5101B	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-51201	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-51603	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-51604	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-51610	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-51659	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5201	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5501	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5603	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5604	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5631	STORAGE TANKS/VESSELS	N/A	115-TANK3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5655A	STORAGE TANKS/VESSELS	N/A	115-TANK1	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
T-61602	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-61603	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-61604	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7100A	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7100B	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7201	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7603	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7604	STORAGE TANKS/VESSELS	N/A	115-TANK1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7631	STORAGE TANKS/VESSELS	N/A	115-TANK3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TL-DIESEL	LOADING/UNLOADING OPERATIONS	N/A	115-LOAD5	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TL-GAS	LOADING/UNLOADING OPERATIONS	N/A	115-LOAD4	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TL02	LOADING/UNLOADING OPERATIONS	N/A	115-LOAD2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TL04	LOADING/UNLOADING	N/A	115-LOAD3	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
	OPERATIONS			Loading and Unloading of VOC	

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BAIRCOMP	EU	117-ENG3	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(10) [G]§ 117.310(f)	Units exempted from the 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)	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None
BAIRCOMP	EU	63ZZZZ-ENG5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
BOIL-PORT	EU	112-HEATER1	SO_2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a) § 112.9(b)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(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)
						and averaged over 3-hours.			
C-51608A	EU	R5171-1	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.173(b) § 115.173(b)(1) § 115.173(b)(2) § 115.178(a) § 115.178(d) § 115.178(e)	The owner or operator shall control VOC emissions from reciprocating compressor rod packing properly using one of specified replacement schedules.	§ 115.178(d) [G]§ 115.179(a)	§ 115.173(b)(1) § 115.180 [G]§ 115.180(5) [G]§ 115.180(8)	None
C-51608A	EU	60OOOOA-3	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5385a(a)(1) § 60.5370a(a) § 60.5370a(b) § 60.5385a § 60.5385a(a) § 60.5385a(b) § 60.5385a(c) § 60.5385a(d) § 60.5410a § 60.5415a(c) § 60.5415a(c)(2) § 60.5415a(c)(3)	For each reciprocating compressor, the owner or operator must replace the rod packing on or before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, August 2, 2016, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.	§ 60.5410a(c)(1) § 60.5415a(c)(1)	§ 60.5410a(c)(4) § 60.5420a(c) [G]§ 60.5420a(c)(3)	§ 60.5410a(c)(3) § 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14) [G]§ 60.5420a(b)(4)
C-51608A	EU	60OOOOA-4	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5385a(a)(2) § 60.5370a(a) § 60.5370a(b) § 60.5385a § 60.5385a(a) § 60.5385a(b) § 60.5385a(c) § 60.5385a(d) § 60.5410a § 60.5415a(c) § 60.5415a(c)(2) § 60.5415a(c)(3)	For each reciprocating compressor you must replace the rod packing prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.	§ 60.5410a(c)(1) § 60.5415a(c)(1)	§ 60.5410a(c)(4) § 60.5420a(c) [G]§ 60.5420a(c)(3)	§ 60.5410a(c)(3) § 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14) [G]§ 60.5420a(b)(4)
C-51608B	EU	R5171-1	VOC	30 TAC Chapter	§ 115.173(b)	The owner or operator shall	§ 115.178(a)	§ 115.173(b)(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, Oil and Natural Gas Service	§ 115.173(b)(1) § 115.173(b)(2) § 115.178(a) § 115.178(d) § 115.178(e)	control VOC emissions from reciprocating compressor rod packing properly using one of specified replacement schedules.	§ 115.178(d) [G]§ 115.179(a)	§ 115.180 [G]§ 115.180(5) [G]§ 115.180(8)	
C-51608B	EU	60OOOOA-3	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5385a(a)(1) § 60.5370a(a) § 60.5370a(b) § 60.5385a § 60.5385a(a) § 60.5385a(b) § 60.5385a(c) § 60.5385a(d) § 60.5410a § 60.5415a(c) § 60.5415a(c)(2) § 60.5415a(c)(3)	For each reciprocating compressor, the owner or operator must replace the rod packing on or before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, August 2, 2016, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.	§ 60.5410a(c)(1) § 60.5415a(c)(1)	§ 60.5410a(c)(4) § 60.5420a(c) [G]§ 60.5420a(c)(3)	§ 60.5410a(c)(3) § 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14) [G]§ 60.5420a(b)(4)
C-51608B	EU	60OOOOA-4	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5385a(a)(2) § 60.5370a(a) § 60.5370a(b) § 60.5385a § 60.5385a(a) § 60.5385a(b) § 60.5385a(c) § 60.5385a(d) § 60.5410a § 60.5415a(c) § 60.5415a(c)(2) § 60.5415a(c)(3)	For each reciprocating compressor you must replace the rod packing prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.	§ 60.5410a(c)(1) § 60.5415a(c)(1)	§ 60.5410a(c)(4) § 60.5420a(c) [G]§ 60.5420a(c)(3)	§ 60.5410a(c)(3) § 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14) [G]§ 60.5420a(b)(4)
C-51608C	EU	R5171-1	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.173(b) § 115.173(b)(1) § 115.173(b)(2) § 115.178(a)	The owner or operator shall control VOC emissions from reciprocating compressor rod packing properly using	§ 115.173(b)(1) § 115.178(a) § 115.178(d) [G]§ 115.179(a)	§ 115.180 [G]§ 115.180(5) [G]§ 115.180(8)	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)
					§ 115.178(d) § 115.178(e)	one of specified replacement schedules.			
C-51608C	EU	60OOOOA-3	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5385a(a)(1) § 60.5370a(a) § 60.5370a(b) § 60.5385a § 60.5385a(a) § 60.5385a(b) § 60.5385a(c) § 60.5385a(d) § 60.5410a § 60.5415a(c) § 60.5415a(c)(2) § 60.5415a(c)(3)	For each reciprocating compressor, the owner or operator must replace the rod packing on or before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, August 2, 2016, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.	§ 60.5410a(c)(1) § 60.5415a(c)(1)	§ 60.5410a(c)(4) § 60.5420a(c) [G]§ 60.5420a(c)(3)	§ 60.5410a(c)(3) § 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14) [G]§ 60.5420a(b)(4)
C-51608C	EU	60OOOOA-4	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5385a(a)(2) § 60.5370a(a) § 60.5370a(b) § 60.5385a § 60.5385a(a) § 60.5385a(b) § 60.5385a(c) § 60.5385a(d) § 60.5410a § 60.5415a(c) § 60.5415a(c)(2) § 60.5415a(c)(3)	For each reciprocating compressor you must replace the rod packing prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.	§ 60.5410a(c)(1) § 60.5415a(c)(1)	§ 60.5410a(c)(4) § 60.5420a(c) [G]§ 60.5420a(c)(3)	§ 60.5410a(c)(3) § 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14) [G]§ 60.5420a(b)(4)
C-5601A	EU	R5171-1	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.173(b) § 115.173(b)(1) § 115.173(b)(2) § 115.178(a) § 115.178(d) § 115.178(e)	The owner or operator shall control VOC emissions from reciprocating compressor rod packing properly using one of specified replacement schedules.	§ 115.178(a) § 115.178(d) [G]§ 115.179(a)	§ 115.173(b)(1) § 115.180 [G]§ 115.180(5) [G]§ 115.180(8)	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)
C-5601A	EU	60OOOO-3	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5385(a)(1) § 60.5370(b) § 60.5385(a) § 60.5415(c)(3) § 60.5420(a)(1)	Before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, or October 15, 2012, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.	§ 60.5410(c)(1) § 60.5415(c)(1)	§ 60.5420(c) [G]§ 60.5420(c)(3)	§ 60.5420(a) § 60.5420(a)(1) § 60.5420(b) [G]§ 60.5420(b)(1) [G]§ 60.5420(b)(4) § 60.5420(b)(7)(i)
C-5601A	EU	60OOOO-4	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5385(a)(2) § 60.5370(b) § 60.5385(a) § 60.5415(c)(3) § 60.5420(a)(1)	Prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.	§ 60.5410(c)(1) § 60.5415(c)(1)	§ 60.5420(c) [G]§ 60.5420(c)(3)	§ 60.5420(a) § 60.5420(a)(1) § 60.5420(b) [G]§ 60.5420(b)(1) [G]§ 60.5420(b)(4) § 60.5420(b)(7)(i)
C-5601B	EU	R5171-1	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.173(b) § 115.173(b)(1) § 115.173(b)(2) § 115.178(a) § 115.178(d) § 115.178(e)	The owner or operator shall control VOC emissions from reciprocating compressor rod packing properly using one of specified replacement schedules.	§ 115.178(a) § 115.178(d) [G]§ 115.179(a)	§ 115.173(b)(1) § 115.180 [G]§ 115.180(5) [G]§ 115.180(8)	None
C-5601B	EU	60OOOO-3	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5385(a)(1) § 60.5370(b) § 60.5385(a) § 60.5415(c)(3) § 60.5420(a)(1)	Before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, or October 15, 2012, or the date of the most recent reciprocating compressor	§ 60.5410(c)(1) § 60.5415(c)(1)	§ 60.5420(c) [G]§ 60.5420(c)(3)	§ 60.5420(a) § 60.5420(a)(1) § 60.5420(b) [G]§ 60.5420(b)(1) [G]§ 60.5420(b)(4) § 60.5420(b)(7)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						rod packing replacement, whichever is later.			
C-5601B	EU	60OOOO-4	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5385(a)(2) § 60.5370(b) § 60.5385(a) § 60.5415(c)(3) § 60.5420(a)(1)	Prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.	§ 60.5410(c)(1) § 60.5415(c)(1)	§ 60.5420(c) [GFUG05]§ 60.5420(c)(3)	§ 60.5420(a) § 60.5420(a)(1) § 60.5420(b) [G]§ 60.5420(b)(1) [G]§ 60.5420(b)(4) § 60.5420(b)(7)(i)
C-60107	EU	60OOOOB-3	§111 Pollutant	40 CFR Part 60, Subpart OOOOb	§ 60.5365b The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOOb
C-61100A	EU	60OOOOB-3	§111 Pollutant	40 CFR Part 60, Subpart OOOOb	§ 60.5365b The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOOb
C-61100B	EU	60OOOOB-3	§111 Pollutant	40 CFR Part 60, Subpart OOOOb	§ 60.5365b 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 60, Subpart OOOOb	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60,	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOOb

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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 60, Subpart OOOOb		Subpart OOOOb		
CT-41601	EU	115-CT0001	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) § 115.764(g)(2)	§ 115.766(c) § 115.766(d) § 115.766(i)(1)	§ 115.766(i)(2)
CT-51601	EU	115-CT0001	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) § 115.764(g)(2)	§ 115.766(c) § 115.766(d) § 115.766(i)(1)	§ 115.766(i)(2)
CT-5601	EU	115-CT0001	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) § 115.764(g)(2)	§ 115.766(c) § 115.766(d) § 115.766(i)(1)	§ 115.766(i)(2)
CT-61601	EU	115CT-0001	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) § 115.764(g)(2)	§ 115.766(c) § 115.766(d) § 115.766(i)(1)	§ 115.766(i)(2)
CT-7601	EU	115-	Highly	30 TAC Chapter	§ 115.767(3)	Any site for which no stream	§ 115.764(a)(1)	§ 115.766(c)	§ 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)
		CT0001	Reactive VOC	115, HRVOC Cooling Towers	§ 115.764(a)(1) § 115.766(i)	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)(3) § 115.764(c) § 115.764(d) § 115.764(g)(2)	§ 115.766(d) § 115.766(i)(1)	
DEGAS1	EP	115-FLARE4	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(d)	Any flare that at no time receives a total gas stream with greater than 100 ppmv HRVOC is exempt from the requirements of this division, with the exception of the recordkeeping requirements of §115.726(e)(3)(B) of this title.	None	§ 115.726(e)(3)(B) § 115.726(j)(2)	None
DEGAS1DRUM	EP	115H-VENT1	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
DEGAS1DRUM	EP	115-VENT1	VOC	30 TAC Chapter 115, Vent Gas	§ 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)
				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(4)	
DEGAS2	EP	115-FLARE3	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(d)	Any flare that at no time receives a total gas stream with greater than 100 ppmv HRVOC is exempt from the requirements of this division, with the exception of the recordkeeping requirements of §115.726(e)(3)(B) of this title.	None	§ 115.726(e)(3)(B) § 115.726(j)(1) § 115.726(j)(2)	None
DEGAS2DRUM	EP	115H-VENT5	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)(1) § 115.726(j)(2)	None
DEGAS2DRUM	EP	115-VENT1	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)	[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)
						equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.			
ENG01	EU	117-ENG1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the 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 stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None
ENG01	EU	60JJJJ-ENG2	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 4.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG01	EU	60JJJJ-ENG2	NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3)	[G]§ 60.4245(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4243(d) § 60.4243(g)	manufactured on or after 01/01/2009 must comply with a NOx emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.		§ 60.4245(b)	
ENG01	EU	60JJJJ-ENG2	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a VOC emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG01	EU	63ZZZZ-ENG1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG02	EU	117-ENG1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the 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	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	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)
						117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.			
ENG02	EU	60JJJJ-ENG2	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 4.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG02	EU	60JJJJ-ENG2	NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a NOx emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG02	EU	60JJJJ-ENG2	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4243(g)	01/01/2009 must comply with a VOC emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.			
ENG02	EU	63ZZZZ-ENG2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG03	EU	117-ENG2	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the 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 new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	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)
						engines as specified. §117.303(a)(11)(A)-(B)			
ENG03	EU	60IIII-ENG10	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1042-Appendix I § 60.4202(e)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr, as stated in 40 CFR 60.4202(e)-(f), 40 CFR 1042.101, and 40 CFR 1042-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG03	EU	60IIII-ENG10	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1042-Appendix I § 60.4202(e)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a displacement of greater than or equal to 10 liters per cylinder and less than 15 liters per cylinder and is a 2007 - 2012 model year must comply with a PM emission limit of 0.27 g/KW-hr, as stated in 40 CFR 60.4202(e)(1) and 40 CFR 1042-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG03	EU	60IIII-ENG10	Total Hydrocarbons/NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1042-Appendix I § 60.4202(e)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a displacement of greater than or equal to 10 liters per cylinder and less than 15	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4211(f)	liters per cylinder and is a 2007 - 2012 model year must comply with a THC+NOx emission limit of 7.8 g/KW-hr, as stated in 40 CFR 60.4202(e)(1) and 40 CFR 1042-Appendix I.			
ENG03	EU	63ZZZZ-ENG3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG04B	EU	117-ENG2	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the 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 new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average, in	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	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)
						other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)			
ENG04B	EU	60IIII-ENG5	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d)
ENG04B	EU	60IIII-ENG5	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d)
ENG04B	EU	60IIII-ENG5	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I	Owners and operators of emergency stationary CI	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
ENG04B	EU	60IIII-ENG5	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).	None	None	[G]§ 60.4214(d)
ENG04B	EU	63ZZZZ-ENG3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section	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)
						must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
ENG07	EU	117-ENG1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the 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 stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None
ENG07	EU	60JJJJ-ENG4	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 4.0 g/HP-hr, as listed in	§ 60.4237(a)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Table 1 to this subpart.			
ENG07	EU	60JJJJ-ENG4	NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a NOx emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(a)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG07	EU	60JJJJ-ENG4	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a VOC emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(a)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG07	EU	63ZZZZ-ENG10	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	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)
ENG09	EU	117-ENG1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the 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 stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None
ENG09	EU	60JJJJ-ENG2	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 4.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG09	EU	60JJJJ-ENG2	NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a NOx emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ENG09	EU	60JJJJ-ENG2	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a VOC emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG09	EU	63ZZZZ-9	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG10	EU	117-ENG2	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the 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 new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001,	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	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)
						that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)			
ENG10	EU	60IIII-ENG10	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
ENG10	EU	60IIII-ENG10	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
ENG10	EU	63ZZZZ-ENG3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR	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)
						Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
ENG11	EU	117-ENG1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the 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 stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None
ENG11	EU	60JJJJ-ENG2	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3)	[G]§ 60.4245(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4243(d) § 60.4243(g)	manufactured on or after 01/01/2009 must comply with a CO emission limit of 4.0 g/HP-hr, as listed in Table 1 to this subpart.		§ 60.4245(b)	
ENG11	EU	60JJJJ-ENG2	NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a NOx emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG11	EU	60JJJJ-ENG2	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a VOC emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(b)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
ENG11	EU	63ZZZZ-ENG2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark	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)
						ignition engines as applicable. No further requirements apply for such engines under this part.			
FL-51600	CD	111-FLARE1	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. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-51600	CD	60A-FLARE1	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)(5) § 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)(6)	None	None
FL-5600	EU	111-FLARE1	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. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-5600	CD	60A-FLARE1	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)(5) § 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) § 60.18(f)(6)	None	None
FL-AR2	CD	111-FLARE1	Opacity	30 TAC Chapter 111, Visible	§ 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)	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		be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(ii)		
FL-DRUMAR2	EP	115-VENT4	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
FL51600DRU	EP	115-VENT4	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) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
FL5600DRUM	EP	115-VENT4	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	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) ** See CAM Summary	§ 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)
						for combustion devices).			
FLARE	EU	111-FLARE1	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. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FLARE	EP	115-FLARE5	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) § 115.725(n)	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)	§ 115.726(a)(1) § 115.726(a)(1)(A) § 115.726(d)(1) § 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)
FLARE	CD	60A-FLARE1	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)(5)	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)(6)	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)				
FLARE-DRUM	EP	115H-VENT3	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(f) § 115.725(n)	All sites that are subject to this division and that are located in the Houston/Galveston/ Brazoria area as defined in §115.10 of this title (relating to Definitions), excluding Harris County, are exempt from § 115.722(b) and (c)(2) of this title, except as provided in § 115.729(a)(3) of this title (relating to Counties and Compliance Schedules).	None	§ 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n)
FLARE-DRUM	EP	115-VENT3	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) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
FP2	EU	117-ENG2	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the 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 new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001,	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	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)
						that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)			
FP2	EU	60IIII-ENG10	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
FP2	EU	60IIII-ENG10	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
FP2	EU	63ZZZZ-ENG3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR	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)
						Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
FUG-AR2	EU	115H-FUG3	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
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(7) § 115.177(b)(7)(A) § 115.177(b)(7)(B)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	§ 115.177(b)(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)
						detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), flanges at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10) § 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and	§ 115.177(b)(1)(B) § 115.177(b)	Except as provided in §115.177(b)(5)(C), pressure	§ 115.172(a)(6) § 115.177(b)	[G]§ 115.177(a) § 115.177(b)(9)	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)
				Natural Gas Service	§ 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(5)	§ 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC)	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) §	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(c)(3)	leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG-AR2	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(5) § 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C) § 115.177(b)(3)(C)(i) § 115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(1) § 60.482-2a(b)(1)(i) § 60.482-2a(b)(1)(ii) § 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)	Except as provided in §60.5401 pumps in light liquid service must comply with the requirements of §60.482-2a. 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 60.482-2a(b)(1)(i) and 60.482-2a(b)(1)(ii).	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 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) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f)	§ 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) [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)(i) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e) § 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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)		§ 60.5401a(g)		
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-4a(a) § 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)	Except as provided in §60.5401 pressure relief device in gas/vapor service must comply with the requirements of §60.482-4a. Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable	§ 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) § 60.5401a(b)(1)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.5421a(b)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9a(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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(b)(2) § 60.5401a(b)(3)(i) § 60.5401a(b)(3)(ii) § 60.5401a(b)(4)(i) § 60.5401a(b)(4)(ii) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)	emissions, as indicated by an instrument reading of less than 500 ppm above background, as determined by the methods specified in §60.485a(c).	[G]§ 60.5401a(f) § 60.5401a(g)		§ 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a) § 60.5422a(b) [G]§ 60.5422a(c)
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-6a(a)(1) § 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) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b)	Except as provided in §60.5401 open-ended valves or lines must comply with the requirements of §60.482-6a. 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 §60.482-6a(d) and §60.482-6a(e) of this section.	§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) § 60.482-7a(b) [G]§ 60.482-7a(c) [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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)	Except as provided in §60.5401 valves in gas/vapor service or light liquid service must comply with the requirements of §60.482-7a. At a valve in gas/vapor service or light liquid 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) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(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)(ii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG-AR2	EU	60OOOOA	VOC	40 CFR Part 60,	§ 60.5400a(a)	Except as provided in	§ 60.482-8a(a)(1)	§ 60.485a(b)(2)	§ 60.487a(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)
		-ALL		Subpart OOOOa	§ 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	§60.5401 pumps in heavy liquid service must comply with the requirements of §60.482-8a. At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(g)	[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(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a)	Except as provided in §60.5401 valves in heavy liquid service must comply with the requirements of §60.482-8a. At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(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)
					§ 60.482-9a(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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				§ 60.5422a(a)
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.486a(k) § 60.5370a(a) § 60.5370a(b)	Except as provided in §60.5401 pressure relief devices in light liquid or heavy liquid service must comply with the requirements of §60.482-8a. 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.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	Except as provided in §60.5401, the owner or operator of connectors in heavy liquid service must comply with the requirements of §60.482-8a. At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG-AR2	EU	60OOOOA	VOC	40 CFR Part 60,	§ 60.5400a(a)	Except as provided in	§ 60.482-11a(a)	§ 60.482-11a(b)(3)(v)	§ 60.487a(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)
		-ALL		Subpart OOOOa	§ 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)	§60.5401 connectors in gas and vapor and light liquid service must comply with the requirements of §60.482-11a. If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light liquid service, a leak is detected.	§ 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(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) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG-AR2	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(d) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f)	The owner or operator must comply with the requirements of §60.482-1a(d). Equipment that is in vacuum service is excluded from the requirements of §§60.482-2a through 60.482-10a if it is identified as required in §60.486a(e)(5).	None	§ 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	§ 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG01	EU	115H-FUG3	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
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for	§ 115.172(a)(5) § 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C) § 115.177(b)(3)(C)(i) §	[G]§ 115.177(a) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(7) § 115.177(b)(7)(A) § 115.177(b)(7)(B) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	§ 115.177(b)(7)
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and	§ 115.177(b)(1)(B) § 115.177(b)	Except as provided in §115.177(b)(5)(C), flanges	§ 115.172(a)(6) § 115.177(b)	[G]§ 115.177(a) § 115.177(b)(9)	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)
				Natural Gas Service	§ 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)	§ 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10) § 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG01	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pressure relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(5)		
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for compressors as stated in §60.482-3 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for connectors as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(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)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k)	Comply with the requirements for pumps in light liquid service as stated in §60.482-2 and §60.482-1(a), (b) and (d), except as provided in §60.633.	[G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k)	Comply with the requirements for closed vent systems and control devices – closed vent systems - as stated in §60.482-10(g) and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	[G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(d) § 60.486(k)	Equipment in vacuum service to comply with §60.482-1(a), (b), and (d) and §60.482-2 to §60.482-	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						10, except as provided in §60.633 or §60.482-1(d).		§ 60.486(j)	§ 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(f)	The owner/operator shall demonstrate that equipment is not in VOC service or not in wet gas service in accordance with §60.632(f).	§ 60.632(f)	§ 60.632(f)	None
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.633(f)	Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3.	None	§ 60.486(j) § 60.635(c)	None
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(m) § 60.486(k) § 60.633(g)	Comply with the requirements for closed vent systems and control devices - flares - as stated in §60.482-10(d) and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-10(e) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) [G]§ 60.485(g) § 60.632(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) [G]§ 60.633(b)(3)	Comply with the requirements for pressure relief devices in gas/vapor service as stated in §60.482-4 and 60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d) § 60.633(b)(1) § 60.633(b)(2) [G]§ 60.633(b)(3) [G]§ 60.633(b)(4)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.633(b)(1) [G]§ 60.633(b)(4) [G]§ 60.635(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements for open-ended valves or lines as	§ 60.485(a) [G]§ 60.485(b) § 60.485(d)(2)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	stated in §60.482-6 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.485(d)(3) § 60.485(f) § 60.632(d)	§ 60.486(j)	§ 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	Comply with the requirements for valves in gas/vapor service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h)	Comply with the requirements for valves in light liquid service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)		[G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)		
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k)	Comply with the requirements for pumps in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	Comply with the requirements for valves in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements for pressure relief devices in light liquid	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	service as stated in §60.482-8, except as provided in §60.633.	§ 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG01	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for pressure relief devices in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUG02	EU	115H-FUG3	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
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) §	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pressure relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(5)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10) § 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), flanges at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG02	EU	R5170-	VOC	30 TAC Chapter	§ 115.177(b)(1)(B)	Except as provided in	§ 115.172(a)(5)	[G]§ 115.177(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)
		ALL		115, Oil and Natural Gas Service	§ 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	§115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C) § 115.177(b)(3)(C)(i) § 115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	§ 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	§ 115.177(b)(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)
						than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(7) § 115.177(b)(7)(A) § 115.177(b)(7)(B) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG02	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.482-9a(a)	Except as provided in §60.5401 connectors in gas and vapor and light liquid service must comply with the requirements of §60.482-11a(b)(2). If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light liquid service, a leak is detected.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.482-9a(a)	§ 60.482-11a(b)(3)(v) § 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) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1) § 60.5420(c)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(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)
					§ 60.482-9a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)		§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401(f) § 60.5401(g)		§ 60.487a(e) § 60.5420(a) § 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(d) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	You must comply with the requirements of §60.482-1a(d). Equipment that is in vacuum service is excluded from the requirements of §§60.482-2a through 60.482-10a if it is identified as required in §60.486a(e)(5).	None	§ 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	§ 60.5420(a) § 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-10a(a) [G]§ 60.482-10a(f) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(i) [G]§ 60.482-10a(j) [G]§ 60.482-10a(k) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5410(f)	Except as provided in §60.5401 closed vent systems leaks must comply with the requirements of §60.482-10a(g). 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) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) § 60.5401(g)	[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) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(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)
					§ 60.5420(a)(1)				
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.18(b) § 60.482-10a(a) § 60.482-10a(d) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(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) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	Except as provided in §60.5401 flares must comply with the requirements of §60.482-10a(d). Flares used to comply with this subpart shall comply with the requirements of §60.18.	§ 60.482-10a(e) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(g) § 60.5401(g)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-10a(a) § 60.482-10a(c) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(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) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	Except as provided in §60.5401 enclosed combustion devices must comply with the requirements of §60.482-10a(c). Enclosed combustion devices shall be designed and operated to reduce the VOC emissions vented to them with an efficiency of 95 percent or greater, or to an exit concentration of 20 parts per million by volume, on a dry basis, corrected to 3 percent oxygen, whichever is less stringent or to provide a minimum residence time of 0.75	§ 60.482-10a(e) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) § 60.5401(g)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(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)
						seconds at a minimum temperature of 816 degrees.			
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	You must comply with the requirements of §60.482-8a, Except as provided in §60.5401 connectors in heavy liquid service must comply with the requirements of §60.482-8a(b). At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401(f) § 60.5401(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) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d)	Except as provided in §60.5401 pressure relief devices in light liquid or heavy liquid service must comply with the requirements of §60.482-8a(b). At a pressure relief device in light liquid or heavy liquid service, if an instrument reading of 10,000 ppm or greater is	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401(f) § 60.5401(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) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(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)
					§ 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	measured, a leak is detected.			§ 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 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) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	Except as provided in §60.5401 valves in heavy liquid service must comply with the requirements of §60.482-8a(b). At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401(f) § 60.5401(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) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a)	Except as provided in §60.5401 open-ended	§ 60.485a(a) [G]§ 60.485a(b)(1)	§ 60.485a(b)(2) § 60.486a(e)	§ 60.487a(a) § 60.487a(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1a(b) § 60.482-6a(a)(1) § 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) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	valves or lines must comply with the requirements of §60.482-6a(a)(1). 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 §60.482-6a(d) and §60.482-6a(e) of this section.	§ 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) § 60.5401(g)	§ 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.5420(c)	§ 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) § 60.482-7a(b) [G]§ 60.482-7a(c) [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) § 60.5370(b) § 60.5400(f) § 60.5410(f)	Except as provided in §60.5401 valves in gas/vapor service must comply with the requirements of §60.482-7a(b). 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) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401(f) § 60.5401(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) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(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)
					§ 60.5420(a)(1)				
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	Except as provided in §60.5401 pumps in heavy liquid service must comply with the requirements of §60.482-8a(b). At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401(f) § 60.5401(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) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(1) § 60.482-2a(b)(1)(i) § 60.482-2a(b)(1)(ii) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(ii) § 60.482-2a(c)(1) [G]§ 60.482-	Except as provided in §60.5401 pumps in light liquid service must comply with the requirements of §60.482-2a. 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 60.482-	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 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) § 60.485a(d)	§ 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) § 60.5420(c)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(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)
					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) § 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) § 60.5370(b) § 60.5400(f) § 60.5410(f) § 60.5420(a)(1)	2a(b)(1)(i) and 60.482-2a(b)(1)(ii).	§ 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401(f) § 60.5401(g)		§ 60.5420(a)(1)
FUG02	EU	60OOOO-ALL	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5400(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-4a(a) § 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)	Except as provided in §60.5401 pressure relief device in gas/vapor service must comply with the requirements of §60.482-4a. Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of	§ 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) § 60.5401(b)(1) § 60.5401(g)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.5420(c) [G]§ 60.5421(b)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420(a) § 60.5420(a)(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)
					§ 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370(b) § 60.5400(f) § 60.5401(b)(1) § 60.5401(b)(2) § 60.5401(b)(3)(i) § 60.5401(b)(3)(ii) § 60.5401(b)(4)(i) § 60.5401(b)(4)(ii) § 60.5410(f) § 60.5420(a)(1) § 60.5422(b)	less than 500 ppm above background, as determined by the methods specified in §60.485a(c).			§ 60.5422(b) [G]§ 60.5422(c)
FUG03	EU	115H-FUG3	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
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15	§ 115.172(a)(5) § 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C) § 115.177(b)(3)(C)(i) § 115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c)	[G]§ 115.177(a) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						calendar days after the leak is found.	§ 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(7) § 115.177(b)(7)(A) § 115.177(b)(7)(B) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	§ 115.177(b)(7)
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), flanges at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180	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)
				Service	§ 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.180(7) [G]§ 115.180(8)	
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pressure relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(5)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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 five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG03	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(1) § 60.482-2a(b)(1)(i) § 60.482-2a(b)(1)(ii) § 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)	Except as provided in §60.5401 pumps in light liquid service must comply with the requirements of §60.482-2a. 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 60.482-2a(b)(1)(i) and 60.482-2a(b)(1)(ii).	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 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) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3)	§ 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) [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)(i) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(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]§ 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) § 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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)		[G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(g)		§ 60.5422a(a)
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-4a(a) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c) § 60.482-4a(d)(1)	Except as provided in §60.5401 pressure relief device in gas/vapor service must comply with the requirements of §60.482-4a. Except during pressure releases, each pressure relief device in gas/vapor	§ 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f)	§ 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)(xi) § 60.487a(c)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-4a(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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(b)(2) § 60.5401a(b)(3)(i) § 60.5401a(b)(3)(ii) § 60.5401a(b)(4)(i) § 60.5401a(b)(4)(ii) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)	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).	§ 60.485a(d)(3) § 60.5401a(b)(1) [G]§ 60.5401a(f) § 60.5401a(g)	§ 60.486a(f)(1) [G]§ 60.5421a(b)	§ 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a) § 60.5422a(b) [G]§ 60.5422a(c)
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-6a(a)(1) § 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) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Except as provided in §60.5401 open-ended valves or lines must comply with the requirements of §60.482-6a. 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 §60.482-6a(d) and §60.482-6a(e) of this section.	§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) § 60.482-7a(b) [G]§ 60.482-7a(c) [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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)	Except as provided in §60.5401 valves in gas/vapor service or light liquid service must comply with the requirements of §60.482-7a. At a valve in gas/vapor service or light liquid 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) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(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)(ii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(d) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	The owner or operator must comply with the requirements of §60.482-1a(d). Equipment that is in vacuum service is excluded from the requirements of §§60.482-2a through 60.482-10a if it is identified as required in §60.486a(e)(5).	None	§ 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	§ 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.5370a(a)	Except as provided in §60.5401 valves in heavy liquid service must comply with the requirements of §60.482-8a. At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	Except as provided in §60.5401 pressure relief devices in light liquid or heavy liquid service must comply with the requirements of §60.482-8a. 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.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b)	Except as provided in §60.5401, the owner or operator of connectors in	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a)	§ 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b)	§ 60.487a(a) § 60.487a(b) § 60.487a(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)
					[G]§ 60.482-2a(c)(2) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	heavy liquid service must comply with the requirements of §60.482-8a. At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	[G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(g)	[G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.482-9a(a)	Except as provided in §60.5401 connectors in gas and vapor and light liquid service must comply with the requirements of §60.482-11a. If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light liquid service, a leak is detected.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.482-9a(a)	§ 60.482-11a(b)(3)(v) § 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) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(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)
					§ 60.482-9a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)		§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(g)		§ 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG03	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e)	Except as provided in §60.5401 pumps in heavy liquid service must comply with the requirements of §60.482-8a. At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG04	EU	115H-FUG3	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
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5)	Except as provided in §115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a	§ 115.172(a)(5) § 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C)	[G]§ 115.177(a) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(3)(C)(i) § 115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(7) § 115.177(b)(7)(A) § 115.177(b)(7)(B) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	§ 115.177(b)(7)
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), flanges at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)		
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pressure relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
							§ 115.177(c)(3) § 115.177(c)(5)		
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG04	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC)	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10) § 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(b)(5)(B) § 115.177(c)(3)	leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(1) § 60.482-2a(b)(1)(i) § 60.482-2a(b)(1)(ii) § 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) § 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)	Except as provided in §60.5401 pumps in light liquid service must comply with the requirements of §60.482-2a. 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 60.482-2a(b)(1)(i) and 60.482-2a(b)(1)(ii).	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 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) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(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) [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)(i) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-4a(a) § 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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d)	Except as provided in §60.5401 pressure relief device in gas/vapor service must comply with the requirements of §60.482-4a. Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as determined by the methods specified in §60.485a(c).	§ 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) § 60.5401a(b)(1) [G]§ 60.5401a(f) § 60.5401a(g)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.5421a(b)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a) § 60.5422a(b) [G]§ 60.5422a(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.5400a(e) § 60.5400a(f) § 60.5401a(b)(2) § 60.5401a(b)(3)(i) § 60.5401a(b)(3)(ii) § 60.5401a(b)(4)(i) § 60.5401a(b)(4)(ii) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-6a(a)(1) § 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) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	Except as provided in §60.5401 open-ended valves or lines must comply with the requirements of §60.482-6a. 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 §60.482-6a(d) and §60.482-6a(e) of this section.	§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-7a(a)(1)	Except as provided in §60.5401 valves in gas/vapor service or light liquid service must comply	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.485a(a)	§ 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-7a(a)(2) § 60.482-7a(b) [G]§ 60.482-7a(c) [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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)	with the requirements of §60.482-7a. At a valve in gas/vapor service or light liquid service, if an instrument reading of 500 ppm or greater is measured, a leak is detected.	[G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(g)	§ 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(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) [G]§ 60.482-9a(d)	Except as provided in §60.5401 pumps in heavy liquid service must comply with the requirements of §60.482-8a. At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.5370a(a) § 60.5370a(b)	Except as provided in §60.5401 valves in heavy liquid service must comply with the requirements of §60.482-8a. At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(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)
					§ 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	Except as provided in §60.5401 pressure relief devices in light liquid or heavy liquid service must comply with the requirements of §60.482-8a. 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.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-	Except as provided in §60.5401, the owner or operator of connectors in heavy liquid service must	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1)	§ 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(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)
					2a(c)(2) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	comply with the requirements of §60.482-8a. At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.5401a(f) § 60.5401a(g)	§ 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.482-9a(a) § 60.482-9a(b)	Except as provided in §60.5401 connectors in gas and vapor and light liquid service must comply with the requirements of §60.482-11a. If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light liquid service, a leak is detected.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.482-9a(a) § 60.485a(a)	§ 60.482-11a(b)(3)(v) § 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) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(d) § 60.5410a § 60.5410a(f) § 60.5415a(f)		[G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(d) § 60.485a(d)(2) § 60.485a(d)(3) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(g)		§ 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG04	EU	60OOOOA-ALL	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(d) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.5370a(a) § 60.5370a(b) § 60.5400a(a) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	The owner or operator must comply with the requirements of §60.482-1a(d). Equipment that is in vacuum service is excluded from the requirements of §§60.482-2a through 60.482-10a if it is identified as required in §60.486a(e)(5).	None	§ 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	§ 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FUG05	EU	115H-FUG3	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	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)
						Fugitive Emissions), except for 115.786(e) and (g) of this title (relating to Record keeping Requirements).			
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(5) § 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C) § 115.177(b)(3)(C)(i) § 115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG05	EU	R5170-	VOC	30 TAC Chapter	§ 115.177(b)(1)(B)	Except as provided in	§ 115.172(a)(6)	[G]§ 115.177(a)	§ 115.177(b)(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)
		ALL		115, Oil and Natural Gas Service	§ 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	§115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(7) § 115.177(b)(7)(A) § 115.177(b)(7)(B) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	§ 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10) § 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(c)(3)	by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pressure relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
							§ 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(5)		
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG05	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), flanges at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG05	EU	60OOOOB-ALL	§111 Pollutant	40 CFR Part 60, Subpart OOOOb	§ 60.5365b The permit holder shall comply with	The permit holder shall comply with the applicable requirements of 40 CFR	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOOb	Part 60, Subpart OOOOb	monitoring and testing requirements of 40 CFR Part 60, Subpart OOOOb	recordkeeping requirements of 40 CFR Part 60, Subpart OOOOb	requirements of 40 CFR Part 60, Subpart OOOOb
FUG1	EU	115H-FUG1	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) § 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)
					[G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1)				
FUG1	EU	115H-FUG1	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)
FUG1	EU	115H-FUG1	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)	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	§ 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)	§ 115.354(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)	§ 115.782(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(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)	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)(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)	§ 115.781(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)	
FUG1	EU	115H-FUG1	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG1	EU	115H-FUG1	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)
FUG1	EU	115H-FUG1	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)	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	§ 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)	§ 115.782(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(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)	all components.		§ 115.786(d)(2) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g) [G]§ 115.788(g)	
FUG1	EU	115H-FUG1	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) §	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) § 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)				
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5)	Except as provided in §115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a	§ 115.172(a)(5) § 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C)	[G]§ 115.177(a) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(3)(C)(i) § 115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(7) § 115.177(b)(7)(A)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	§ 115.177(b)(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)
						repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(7)(B) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10) § 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pressure relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
							§ 115.177(c)(3) § 115.177(c)(5)		
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), flanges at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUG1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(b)(5)(B) § 115.177(c)(3)	organic compounds (VOC) leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	§ 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUG01	EU	60OOOOB-ALL	§111 Pollutant	40 CFR Part 60, Subpart OOOOb	§ 60.5365b The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOOb	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOOb
FUGEP1	EU	115H-FUG3	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
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5)	Except as provided in §115.177(b)(5)(C), valves at a natural gas processing plant are not allowed to have a volatile organic	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) §	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	§ 115.177(b)(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)
					§ 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(7) § 115.177(b)(7)(A) § 115.177(b)(7)(B) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), flanges at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3) § 115.177(c)(4)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), pumps used for any polymerizing monomer at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 5,000 parts per million by volume (ppmv) for more than five	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
						calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), connectors at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(10) § 115.177(b)(3) § 115.177(b)(3)(A) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), pressure relief devices at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(i) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(E) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
							§ 115.177(c)(5)		
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), sampling connections at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(A) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Pump seals in light-liquid service: Except as provided in §115.177(b)(5)(C), all other pumps at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 2,000 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found. and 2,000 ppmv for all other pumps.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(ii) § 115.177(b)(3)(D)(iii) § 115.177(b)(3)(F) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5)	Except as provided in §115.177(b)(5)(C), pumps in heavy liquid service at a natural gas processing plant are not allowed to have a	§ 115.172(a)(5) § 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(C)	[G]§ 115.177(a) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	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)
					§ 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.177(b)(3)(C)(i) § 115.177(b)(3)(C)(ii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)		
FUGEP1	EU	R5170-ALL	VOC	30 TAC Chapter 115, Oil and Natural Gas Service	§ 115.177(b)(1)(B) § 115.177(b) § 115.177(b)(1) § 115.177(b)(4) § 115.177(b)(5) § 115.177(b)(5)(A) § 115.177(b)(5)(B) § 115.177(c)(3)	Except as provided in §115.177(b)(5)(C), process drains at a natural gas processing plant are not allowed to have a volatile organic compounds (VOC) leak of 500 parts per million by volume (ppmv) for more than five calendar days without a first attempt at repair after the leak is detected. The leak must be repaired no later than 15 calendar days after the leak is found.	§ 115.172(a)(6) § 115.177(b) § 115.177(b)(3) § 115.177(b)(3)(D) § 115.177(b)(3)(D)(iii) § 115.177(b)(4) § 115.177(b)(6) § 115.177(b)(8) § 115.177(b)(9) § 115.177(c) § 115.177(c)(1) § 115.177(c)(2) § 115.177(c)(3)	[G]§ 115.177(a) § 115.177(b)(9) § 115.180 [G]§ 115.180(7) [G]§ 115.180(8)	None
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.633(f)	Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3.	None	§ 60.486(j) § 60.635(c)	None
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(f)	The owner/operator shall demonstrate that equipment is not in VOC service or not in wet gas service in accordance with §60.632(f).	§ 60.632(f)	§ 60.632(f)	None
FUGEP1	EU	60KKK-	VOC	40 CFR Part 60,	§ 60.632(a)	Equipment in vacuum	None	[G]§ 60.486(a)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		ALL		Subpart KKK	§ 60.482-1(d) § 60.486(k)	service to comply with §60.482-1(a), (b), and (d) and §60.482-2 to §60.482-10, except as provided in §60.633 or §60.482-1(d).		§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k)	Comply with the requirements for pumps in light liquid service as stated in §60.482-2 and §60.482-1(a), (b) and (d), except as provided in §60.633.	[G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f)	Comply with the requirements for compressors as stated in §60.482-3 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k)				
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) [G]§ 60.633(b)(3)	Comply with the requirements for pressure relief devices in gas/vapor service as stated in §60.482-4 and 60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d) § 60.633(b)(1) § 60.633(b)(2) [G]§ 60.633(b)(3) [G]§ 60.633(b)(4)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.633(b)(1) [G]§ 60.633(b)(4) [G]§ 60.635(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	Comply with the requirements for open-ended valves or lines as stated in §60.482-6 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements for closed vent systems and control	§ 60.485(a) [G]§ 60.485(b) § 60.485(d)(2)	[G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k)	devices – closed vent systems - as stated in §60.482-10(g) and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.485(d)(3) § 60.485(f) § 60.632(d)	§ 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(m) § 60.486(k) § 60.633(g)	Comply with the requirements for closed vent systems and control devices - flares - as stated in §60.482-10(d) and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-10(e) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) [G]§ 60.485(g) § 60.632(d)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for connectors as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d)	Comply with the requirements for pressure relief devices in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9(a) § 60.482-9(b) § 60.486(k)				
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for pressure relief devices in light liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	Comply with the requirements for valves in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f)	Comply with the requirements for valves in gas/vapor service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)		§ 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	§ 60.486(j)	
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	Comply with the requirements for valves in light liquid service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(c)
FUGEP1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k)	Comply with the requirements for pumps in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.636(b) [G]§ 60.636(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)
GRP-HEATER	EU	117-HEATER1	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)
GRP-	EU	117-	NH_3	30 TAC Chapter	§ 117.310(c)(2)	For process heaters that	§ 117.335(a)(2)	§ 117.345(a)	§ 117.335(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)
HEATER		HEATER1		117, Subchapter B	§ 117.310(c)(2)(B) § 117.340(f)(1)	inject urea or ammonia into the exhaust stream for NO_x control, ammonia emissions must not exceed 10 ppmv at 3.0% O_2, dry.	§ 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(g) § 117.340(b)(1) § 117.340(b)(3) § 117.340(d) [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)(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) § 117.8130 § 117.8130(4)	§ 117.345(f) § 117.345(f)(11) [G]§ 117.345(f)(2) § 117.345(f)(8) § 117.345(f)(9) § 117.8100(a)(5)(C)	§ 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)
GRP-HEATER	EU	117-HEATER1	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)	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,	[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)	§ 117.345(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(f)(1) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(3)	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.	§ 117.340(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)		§ 117.8010(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)
GRP-HEATER	EU	60DB-HEATER1	NO_X	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(4) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3)	[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(h)(4) § 60.49b(i) § 60.49b(v) § 60.49b(w)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.48b(f) § 60.48b(g)(1)		
GRP-HEATER	EU	60DB-HEATER1	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)
GRP-HEATER	EU	60DB-HEATER1	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)
GRP-HEATER	EU	60DB-HEATER1	SO_2	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	Units firing only very low sulfur oil and/or a mixture of gaseous fuels with a potential SO2 emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO2 emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) [G]§ 60.49b(r)(2)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) [G]§ 60.49b(r)(2)
GRP-HEATER2	EU	117-HEATER1	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)	§ 117.345(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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(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)		[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)
GRP-HEATER2	EU	117-HEATER1	NH_3	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(2) § 117.310(c)(2)(B) § 117.340(f)(1)	For process heaters that inject urea or ammonia into the exhaust stream for NO_x control, ammonia emissions must not exceed 10 ppmv at 3.0% O_2, dry.	§ 117.335(a)(2) § 117.335(a)(4) § 117.335(b) § 117.335(c) § 117.335(d) § 117.335(g) § 117.340(b)(1) § 117.340(b)(3) § 117.340(d) [G]§ 117.340(f)(2) § 117.8100(a)	§ 117.345(a) § 117.345(f) § 117.345(f)(11) [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)(2) § 117.345(d)(3) § 117.345(d)(4) § 117.345(d)(5) § 117.8010 [G]§ 117.8010(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)
							§ 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 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) § 117.8130 § 117.8130(4)		§ 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)
GRP-HEATER2	EU	117-HEATER1	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(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	[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)	§ 117.345(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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.	§ 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)		§ 117.8100(c)
GRP-HEATER2	EU	60DB-HEATER1	NO_X	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(4) [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) § 60.48b(g)(1)	[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(h)(4) § 60.49b(i) § 60.49b(v) § 60.49b(w)
GRP-HEATER2	EU	60DB-HEATER1	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	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(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)
						MW (100 MMBtu/hr).			
GRP-HEATER2	EU	60DB-HEATER1	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)
GRP-HEATER2	EU	60DB-HEATER1	SO_2	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	Units firing only very low sulfur oil and/or a mixture of gaseous fuels with a potential SO2 emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO2 emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) [G]§ 60.49b(r)(2)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) [G]§ 60.49b(r)(2)
GRP-HTRVENT	EP	115-VENT2	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 CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP-LOAD	EU	115-LOAD1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 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	§ 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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						specified.			
LOAD-C3-3	EU	115-LOADC3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(3) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Liquefied petroleum gas. All loading and unloading of liquefied petroleum gas is exempt from the requirements of this division, except for the specified requirements.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
SGEN	EU	117-ENG1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the 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 stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None
SGEN	EU	63ZZZZ-ENG6	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.5 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i)	For each existing emergency stationary SI RICE; black start stationary SI RICE; non-emergency, non-black start 4SLB stationary RICE with a site rating greater than 500 HP that operates 24 hours or less per calendar year; non-emergency, non-black start 4SRB stationary RICE with a site rating greater than	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(f)(4) § 63.6640(f)(4)(i)	500 HP that operates 24 hours or less per calendar year, located at an area source, you must comply with the requirements as specified in Table 2d.5.a-c.			
SGEN2	EU	117-ENG1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the 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 stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None
SGEN2	EU	63ZZZZ-ENG7	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as	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)
						applicable. No further requirements apply for such engines under this part.			
T-2421	EU	115-TANK1	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
T-2421	EU	115-TANK2	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)(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)(3) § 115.115(a)(3)(B) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(C) § 115.118(a)(4)(C)(ii) § 115.118(a)(5) § 115.118(a)(7)	None
T-3421	EU	115-TANK1	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
T-3421	EU	115-TANK5	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A)	No person shall place, store, or hold VOC in any storage tank unless the	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(B)	§ 115.118(a)(4) § 115.118(a)(4)(C) § 115.118(a)(4)(C)(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)
					§ 115.112(e)(3)(A)(ii)	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.	§ 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	
T-5100A	EU	115-TANK1	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
T-5100B	EU	115-TANK1	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
T-5101A	EU	115-TANK1	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
T-5101B	EU	115-TANK1	VOC	30 TAC Chapter 115, Storage of	§ 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)
				VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
T-51201	EU	115-TANK1	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
T-51603	EU	115-TANK1	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
T-51604	EU	115-TANK1	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
T-51610	EU	115-TANK1	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
T-51659	EU	115-TANK1	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	[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)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
T-5201	EU	115-TANK1	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
T-5501	EU	115-TANK1	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
T-5603	EU	115-TANK1	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
T-5604	EU	115-TANK1	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
T-5631	EU	115-TANK3	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	[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)
						1.5 psia is exempt from the requirements of this division.			
T-5655A	EU	115-TANK1	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
T-61602	EU	115-TANK1	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
T-61603	EU	115-TANK1	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
T-61604	EU	115-TANK1	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
T-7100A	EU	115-TANK1	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.			
T-7100B	EU	115-TANK1	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
T-7201	EU	115-TANK1	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
T-7603	EU	115-TANK1	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
T-7604	EU	115-TANK1	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
T-7631	EU	115-TANK3	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	[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)
						division.			
TL-DIESEL	EU	115-LOAD5	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
TL-GAS	EU	115-LOAD4	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(2)(A) § 115.212(a)(2) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements.	§ 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) § 115.216(3)(D)	None
TL02	EU	115-LOAD2	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
TL04	EU	115-LOAD3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(2)(A) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements.	§ 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) § 115.216(3)(D)	None

Additional Monitoring Requirements

CAM Summary

Unit/Group/Process Information	
ID No.: FL51600DRU	
Control Device ID No.: FL-02	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT4
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Continuously monitor the presence of a flare pilot flame and maintain records of alarm events and durations. Absence of pilot flame is a deviation.	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

CAM Summary

Unit/Group/Process Information	
ID No.: FL5600DRUM	
Control Device ID No.: FL01	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT4
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Continuously monitor the presence of a flare pilot flame and maintain records of alarm events and durations. Absence of pilot flame is a deviation.	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

CAM Summary

Unit/Group/Process Information	
ID No.: FLARE-DRUM	
Control Device ID No.: FLARE	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT3
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Continuously monitor the presence of a flare pilot flame and maintain records of alarm events and durations. Absence of pilot flame is a deviation.	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-HTRVENT	
Control Device ID No.: GRP-HEATER	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: GRP-HEATER2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT2
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Combustion Temperature Immediately Downstream of Combustion Chamber (Arch Temperature)	
Minimum Frequency: Once per day	
Averaging Period: N/A*	
Deviation Limit: Minimum temperature shall be the lesser of 1100 F or the temperature established during the most recent stack test. Any daily average value below this minimum limit shall be considered and reported as a deviation. These requirements only apply when VOC is introduced into the heater.	
CAM Text: Each monitoring device shall be calibrated and maintained at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated and maintained properly.	

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

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: BOIL-PORT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: 112-HEATER1
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Fuel sulfur measurements or purchase records.	
Minimum Frequency: With each batch of diesel fuel purchased.	
Averaging Period: N/A	
Deviation Limit: Maintain records documenting use of diesel fuel containing no more than 15 ppmw total sulfur.	
Periodic Monitoring Text: Fuel sulfur content records may consist of purchase records from the fuel supplier or measurement results from a test sample. Diesel fuel classified as Ultra Low Sulfur Diesel, or ULSD, is assumed to comply with the applicable requirements. Diesel fuel purchased directly from filling stations is also assumed to comply with the applicable requirement.	

Permit Shield

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
AMINE2	N/A	40 CFR Part 60, Subpart LLL	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE2	N/A	40 CFR Part 60, Subpart OOOO	The unit processes liquid streams and not sour natural gas streams.
AMINE2	N/A	40 CFR Part 60, Subpart OOOOa	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE3	N/A	40 CFR Part 60, Subpart LLL	Subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE3	N/A	40 CFR Part 60, Subpart OOOO	Subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE3	N/A	40 CFR Part 60, Subpart OOOOa	Subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE4	N/A	40 CFR Part 60, Subpart LLL	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE4	N/A	40 CFR Part 60, Subpart OOOO	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE4	N/A	40 CFR Part 60, Subpart OOOOa	This subpart applies to gas sweetening units.

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE5	N/A	40 CFR Part 60, Subpart LLL	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE5	N/A	40 CFR Part 60, Subpart OOOO	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE5	N/A	40 CFR Part 60, Subpart OOOOa	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams
AMINE6	N/A	40 CFR Part 60, Subpart OOOOb	This subpart applies to gas sweetening units. This unit is a sweetening unit; however, it processes liquid streams and not sour natural gas streams.
BAIRCOMP	N/A	40 CFR Part 60, Subpart JJJJ	Engine is not a stationary spark ignition ICE
BOIL-PORT	N/A	40 CFR Part 60, Subpart Dc	Maximum design heat input capacity less than 10 MMBtu/hr
BOIL-PORT	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a temporary boiler as defined in this subpart
C-40107	N/A	40 CFR Part 60, Subpart OOOOa	The centrifugal compressor has dry seals
C-41100A	N/A	40 CFR Part 60, Subpart OOOOa	The centrifugal compressor has dry seals.

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
C-41100B	N/A	40 CFR Part 60, Subpart OOOOa	The centrifugal compressor has dry seals.
C-50107	N/A	40 CFR Part 60, Subpart OOOOa	The centrifugal compressor has dry seals.
C-5100A	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor has dry seals.
C-5100B	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor has dry seals.
C-5100C	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor has dry seals.
C-5101A	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor has dry seals.
C-5101B	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor has dry seals.
C-51100A	N/A	40 CFR Part 60, Subpart OOOOa	The centrifugal compressor has dry seals.
C-51100B	N/A	40 CFR Part 60, Subpart OOOOa	The centrifugal compressor has dry seals.
C-7100A	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor has dry seals.
C-7100B	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor has dry seals.
DEGAS1	N/A	40 CFR Part 60, Subpart A	Device not used to control affected sources covered by relevant standards under 40 CFR 60 or 61 referring directly or indirectly to 40 CFR 60.18
DEGAS2	N/A	40 CFR Part 60, Subpart A	Device not used to control affected sources covered by relevant standards under 40 CFR 60 or 61 referring directly or indirectly to 40 CFR 60.18
ENG01	N/A	40 CFR Part 60, Subpart IIII	Engine is not a stationary compression ignition ICE
ENG02	N/A	40 CFR Part 60, Subpart IIII	Engine is not a stationary compression ignition ICE
ENG03	N/A	40 CFR Part 60, Subpart JJJJ	Engine is not a stationary spark ignition ICE

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
FUG01	N/A	40 CFR Part 60, Subpart OOOO	Process units not constructed/reconstructed/modified after August 23, 2011
SGEN	N/A	40 CFR Part 60, Subpart IIII	Engine is not a stationary compression ignition ICE
SGEN2	N/A	40 CFR Part 60, Subpart IIII	Engine is not a stationary compression ignition ICE
T-2421	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-3421	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-40107	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-40107	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-41100A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-41100A	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-41100B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-41100B	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-41610	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-41610	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-5100A	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5100B	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5101A	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5101B	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-51201	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
T-51602	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-51602	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51603	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51604	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51610	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51654	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-51654	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51659	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51660	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-51660	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51678	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-51678	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-51680	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-51680	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5201	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5501	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5602	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-5602	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5603	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5604	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5610	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
T-5610	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5611	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-5611	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5631	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.
T-5655A	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-5660	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-5660	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-60107	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-60107	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-61100A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-61100A	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-61100B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-61100B	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-61602	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-61603	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-61604	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-7100A	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-7100B	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-7201	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
T-7602	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-7602	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-7603	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-7604	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
T-7631	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.F
T-X0107	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-X0107	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-X1100A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-X1100A	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
T-X1100B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
T-X1100B	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
TL-DIESEL	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
TL-DIESEL	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
TL-GAS	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
TL-GAS	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons
V-5125	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
V-5125	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons
V-7125	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than 1,000 gallons
V-7125	N/A	40 CFR Part 60, Subpart Kb	Storage capacity less than 19,812 gallons

New Source Review Authorization References

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.

Nonattainment (NA) Permits	
NA Permit No.: N270	Issuance Date: 05/03/2024
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.: 79861	Issuance Date: 10/26/2021
Authorization No.: 106921	Issuance Date: 05/03/2024
Authorization No.: 152728	Issuance Date: 08/24/2018
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.355	Version No./Date: 11/01/2001
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 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**
ACIDFLASH2	AMINE FLASH GAS MB-2	106921, N270
ACIDFLASH3	AMINE FLASH GAS MB-3	106921, N270
ACIDFLASH4	AMINE FLASH GAS MB-4	106921, N270
ACIDFLASH5	AMINE FLASH GAS MB-5	106921, N270
ACIDFLASH6	AMINE FLASH GAS MB-6	106921, N270
ACIDGAS2	AMINE VENT GAS MB-2	106921, N270
ACIDGAS3	AMINE VENT GAS MB-3	106921, N270
ACIDGAS4	AMINE VENT GAS MB-4	106921, N270
ACIDGAS5	AMINE VENT GAS MB-5	106921, N270
ACIDGAS6	AMINE VENT GAS MB-6	106921, N270
AMINE2	AMINE REGENERATION UNIT MB-2	106921, N270
AMINE3	AMINE REGENERATION UNIT MB-3	106921, N270
AMINE4	AMINE REGENERATION UNIT MB-4	106921, N270
AMINE5	AMINE REGENERATION UNIT MB-5	106921, N270
AMINE6	AMINE REGENERATION UNIT MB-6	106921, N270
BAIRCOMP	BACKUP AIR COMPRESSOR	79861
BOIL-PORT	PORTABLE DIESEL BOILER	106.263/11/01/2001
BUTANETREAT2	BUTANE TREATING MB-2	106921, N270
BUTANETREAT3	BUTANE TREATING MB-3	106921, N270
C-40107	DIB HEAT PUMP COMPRESSOR MB-4	106921, N270
C-41100A	REFRIGERANT COMPRESSOR MB-4	106921, N270

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**
C-41100B	REFRIGERANT COMPRESSOR MB-4	106921, N270
C-50107	DIB HEAT PUMP COMPRESSOR MB-5	106921, N270
C-5100A	REFRIGERANT COMPRESSOR MB-2	106921, N270
C-5100B	REFRIGERANT COMPRESSOR MB-2	106921, N270
C-5100C	REFRIGERANT COMPRESSOR E/P	106921, N270
C-5101A	REFRIGERANT COMPRESSOR MB-2	106921, N270
C-5101B	REFRIGERANT COMPRESSOR MB-2	106921, N270
C-51100A	REFRIGERANT COMPRESSOR MB-5	106921, N270
C-51100B	REFRIGERANT COMPRESSOR MB-5	106921, N270
C-51608A	VAPOR RECOVERY UNIT COMPRESSOR	106921, N270
C-51608B	VAPOR RECOVERY UNIT COMPRESSOR	106921, N270
C-51608C	VAPOR RECOVERY UNIT COMPRESSOR	106921, N270
C-5601A	VAPOR RECOVERY UNIT COMPRESSOR	106921, N270
C-5601B	VAPOR RECOVERY UNIT COMPRESSOR	106921, N270
C-60107	DIB HEAT PUMP COMPRESSOR MB-6	106921, N270
C-61100A	REFRIGERANT COMPRESSOR MB-6	106921, N270
C-61100B	REFRIGERANT COMPRESSOR MB-6	106921, N270
C-7100A	REFRIGERANT COMPRESSOR MB-3	106921, N270
C-7100B	REFRIGERANT COMPRESSOR MB-3	106921, N270
CT-41601	COOLING TOWER	106921, N270
CT-51601	COOLING TOWER	106921, N270

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**
CT-5601	COOLING TOWER	106921, N270
CT-61601	COOLING TOWER	106921, N270
CT-7601	COOLING TOWER	106921, N270
DEGAS1	POND 1 DEGASSING FLARE	106.492/09/04/2000
DEGAS1DRUM	POND 1 DEGASSING DRUM	106.261/11/01/2003 [155706]
DEGAS2	POND 2 DEGASSING FLARE	106.492/09/04/2000
DEGAS2DRUM	POND 2 DEGASSING DRUM	106.261/11/01/2003 [151112]
ENG01	CONTROL ROOM/ADMIN EMERGENCY GENERATOR	106921, N270
ENG02	FLARE BLOWER EMERGENCY GENERATOR	106921, N270
ENG03	EMERGENCY AIR COMPRESSOR	106921, N270
ENG04B	EMERGENCY FIREWATER PUMP TEMP REPLACEMENT	106.511/09/04/2000
ENG07	EMERGENCY AIR COMPRESSOR	106921, N270
ENG09	EMERGENCY GENERATOR	106921, N270
ENG10	EMERGENCY FIREWATER PUMP	106921, N270
ENG11	CONTROL ROOM EMERGENCY GENERATOR	106.511/09/04/2000
FGRU	FLARE GAS RECOVERY UNIT	106921, N270
FGRU5	FLARE GAS RECOVERY UNIT	106921, N270
FL-51600	FLARE	106921, N270
FL-5600	FLARE	106921, N270
FL-AR2	ARBUCKLE II FLARE	106.492/09/04/2000
FL-DRUMAR2	ARBUCKLE II FLARE KNOCKOUT DRUM	106.261/11/01/2003 [156583]

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**
FL51600DRU	FLARE KNOCKOUT DRUM	106921, N270
FL5600DRUM	FLARE KNOCKOUT DRUM	106921, N270
FLARE	PROCESS FLARE	152728, 106.261/11/01/2003 [157283], 106.262/11/01/2003 [157283]
FLARE-DRUM	PROCESS FLARE KNOCKOUT DRUM	152728, 106.261/11/01/2003 [157283], 106.262/11/01/2003 [157283]
FP2	DIESEL FIRE WATER PUMP	106.511/09/04/2000
FUG-AR2	ARBUCKLE II EQUIPMENT LEAK FUGITIVES	106.261/11/01/2003 [156583]
FUG01	FRAC-1 EQUIPMENT LEAK FUGITIVES	106921, N270, 106.261/11/01/2003 [172336]
FUG02	FRAC-2 EQUIPMENT LEAK FUGITIVES	106921, N270, 106.261/11/01/2003 [172336]
FUG03	FRAC-3 EQUIPMENT LEAK FUGITIVES	106921, N270, 106.261/11/01/2003 [172336]
FUG04	FRAC-4 EQUIPMENT LEAK FUGITIVES	106921, N270
FUG05	FRAC-5 EQUIPMENT LEAK FUGITIVES	106921, N270
FUG1	MB STORAGE FACILITY FUGITIVES	79861, 152728, 106.261/11/01/2003 [146182, 151112, 155706, 156225, 156583, 160672, 164498, 168390, 172338]
FUGEP1	EP-1 EQUIPMENT LEAK FUGITIVES	106921, N270, 106.261/11/01/2003 [172336]
GASTREAT2	NATURAL GASOLINE TREATING MB-2	106921, N270
GASTREAT3	NATURAL GASOLINE TREATING MB-3	106921, N270
GASTREAT4	NATURAL GASOLINE TREATING MB-4	106921, N270
GASTREAT5	NATURAL GASOLINE TREATING MB-5	106921, N270
GASTREAT6	NATURAL GASOLINE TREATING MB-6	106921, N270

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**
H-41500	HOT OIL HEATER	106921, N270
H-41501	HOT OIL HEATER	106921, N270
H-51500	HOT OIL HEATER	106921, N270
H-51501	HOT OIL HEATER	106921, N270
H-5500	HOT OIL HEATER	106921, N270
H-5501	HOT OIL HEATER	106921, N270
H-5502	HOT OIL HEATER	106921, N270
H-61500	HOT OIL HEATER	106921, N270
H-61501	HOT OIL HEATER	106921, N270
H-7500	HOT OIL HEATER	106921, N270
H-7501	HOT OIL HEATER	106921, N270
H-7502	HOT OIL HEATER	106921, N270
LOAD-C3-3	PROPANE LOADING/UNLOADING	106921, N270
LOADSC	SPENT CAUSTIC LOADING	106921, N270
LOADWW	WASTEWATER LOADING	106921, N270
SGEN	STANDBY GENERATOR	79861
SGEN2	STANDBY GENERATOR	106.511/09/04/2000
T-2421	SPENT CAUSTIC TANK (T-2421)	106921, N270
T-3421	SPENT CAUSTIC TANK 2 (T3421)	106921, N270
T-40107	C-40107 LUBE OIL RESERVOIR	106.472/09/04/2000
T-41100A	C-41100A LUBE OIL RESERVOIR	106.472/09/04/2000

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**
T-41100B	C-41100B LUBE OIL RESERVOIR	106.472/09/04/2000
T-41610	AIR COMPRESSOR AREA BLOWDOWN TANK	106.472/09/04/2000
T-5100A	C-5100A LUBE OIL RESERVOIR	106.472/09/04/2000
T-5100B	C-5100B LUBE OIL RESERVOIR	106.472/09/04/2000
T-5101A	C-5101A LUBE OIL RESERVOIR	106.472/09/04/2000
T-5101B	C-5101B LUBE OIL RESERVOIR	106.472/09/04/2000
T-51201	AMINE STORAGE TANK	106.472/09/04/2000
T-51602	BIOLOGICAL DISPERSANT TANK	106.472/09/04/2000
T-51603	CORROSION INHIBITOR TANK	106.472/09/04/2000
T-51604	SCALE INHIBITOR TANK	106.472/09/04/2000
T-51610	BLOWDOWN / OILY WATER TANK	106.472/09/04/2000
T-51654	FLOCCULANT TANK	106.472/09/04/2000
T-51659	COAGULANT TANK	106.472/09/04/2000
T-51660	DIESEL TANK	106.472/09/04/2000
T-51678	ANTI-SCALANT TOTE	106.472/09/04/2000
T-51680	AMINE STORAGE TOTE	106.472/09/04/2000
T-5201	AMINE STORAGE TANK	106.472/09/04/2000
T-5501	COLD OIL STORAGE TANK	106.472/09/04/2000
T-5602	CORROSSION INHIBITOR TANK	106.472/09/04/2000
T-5603	DISPERSANT TANK	106.472/09/04/2000
T-5604	BIOLOGICAL DISPERSANT TANK	106.472/09/04/2000

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**
T-5610	AIR COMPRESSOR AREA BLOWDOWN TANK	106.472/09/04/2000
T-5611	AIR COMPRESSOR AREA BLOWDOWN TANK	106.472/09/04/2000
T-5631	WASTEWATER TANK (T-5631)	106921, N270
T-5655A	COAGULANT TANK	106.472/09/04/2000
T-5660	DIESEL FUEL DAY TANK - FIREWATER PUMP	106.472/09/04/2000
T-60107	C-60107 LUBE OIL RESERVOIR	106.472/09/04/2000
T-61100A	C-61100A LUBE OIL RESERVOIR	106.472/09/04/2000
T-61100B	C-61100B LUBE OIL RESERVOIR	106.472/09/04/2000
T-61602	BIOLOGICAL DISPERSANT TANK	106.472/09/04/2000
T-61603	CORROSION INHIBITOR TANK	106.472/09/04/2000
T-61604	SCALE INHIBITOR TANK	106.472/09/04/2000
T-7100A	C-7100A LUBE OIL RESERVOIR	106.472/09/04/2000
T-7100B	C-7100B LUBE OIL RESERVOIR	106.472/09/04/2000
T-7201	AMINE STORAGE TANK	106.472/09/04/2000
T-7602	BIOLOGICAL DISPERSANT TANK	106.472/09/04/2000
T-7603	CORROSION INHIBITOR TANK	106.472/09/04/2000
T-7604	SCALE/CORROSION INHIBITOR TANK	106.472/09/04/2000
T-7631	WASTEWATER TANK 2 (T-7631)	106921, N270
T-X0107	C-X0107 LUBE OIL RESERVOIR	106.472/09/04/2000
T-X1100A	C-X1100A LUBE OIL RESERVOIR	106.472/09/04/2000
T-X1100B	C-X1100B LUBE OIL RESERVOIR	106.472/09/04/2000

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**
TL-DIESEL	DIESEL LOADING/UNLOADING	106.472/09/04/2000
TL-GAS	GASOLINE LOADING/UNLOADING	106.473/09/04/2000
TL01	LOW VAPOR PRESSURE TRUCK LOADING	106921, N270, 106.472/09/04/2000
TL02	LOW VAPOR PRESSURE UNLOADING	106921, N270, 106.472/09/04/2000
TL04	SLOP OIL LOADING	106.263/11/01/2001
V-5125	LUBE OIL STORAGE TANK	106.472/09/04/2000
V-7125	LUBE OIL STORAGE TANK	106.472/09/04/2000

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

Appendix A

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

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
ENG-01	Control Room Emergency Generator	VOC	0.41	0.02	3, 4, 32	3, 4, 32, 37, 38	3, 4
		NO_x	0.78	0.04			
		CO	1.60	0.08			
		SO_2	<0.01	<0.01			
		PM	0.02	<0.01			
		PM_{10}	0.02	<0.01			
		$PM_{2.5}$	0.02	<0.01			
ENG-02	Flare Blower Emergency Generator	VOC	0.88	0.05	3, 4, 32	3, 4, 32, 37, 38	3, 4
		NO_x	1.70	0.09			
		CO	3.30	0.17			
		SO_2	<0.01	<0.01			
		PM	0.05	<0.01			
		PM_{10}	0.05	<0.01			
		$PM_{2.5}$	0.05	<0.01			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
ENG-03	Emergency Air Compressor	VOC	3.70	0.19	3, 4, 16, 32	3, 4, 16, 32, 37, 38	3, 4
		NO_x	3.70	0.19			
		CO	3.20	0.16			
		SO_2	<0.01	<0.01			
		PM	0.19	<0.01			
		PM_{10}	0.19	<0.01			
		$PM_{2.5}$	0.19	<0.01			
ENG-04	Emergency Firewater Pump	VOC	3.60	0.18	3, 4, 16, 32	3, 4, 16, 32, 37, 38	3, 4
		NO_x	3.60	0.18			
		CO	3.10	0.16			
		SO_2	<0.01	<0.01			
		PM	0.18	0.01			
		PM_{10}	0.18	0.01			
		$PM_{2.5}$	0.18	0.01			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
ENG-07	Frac-3 & 4 Emergency Air Compressor	VOC	1.40	0.07	3, 4, 16, 32	3, 4, 16, 32, 37, 38	3, 4
		NO_x	2.60	0.13			
		CO	5.30	0.27			
		SO_2	<0.01	<0.01			
		PM	0.09	<0.01			
		PM_{10}	0.09	<0.01			
		$PM_{2.5}$	0.09	<0.01			
ENG-09	Frac-3 & 4 Flare Blower Emergency Generator	VOC	2.70	0.14	3, 4, 16, 32	3, 4, 16, 32, 37, 38	3, 4
		NO_x	4.90	0.25			
		CO	9.90	0.50			
		SO_2	<0.01	<0.01			
		PM	0.15	0.01			
		PM_{10}	0.15	0.01			
		$PM_{2.5}$	0.15	0.01			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
ENG-10	Frac-5 & 6 Emergency Firewater Pump	VOC	3.40	0.17	3, 4, 16, 32, 33, 34, 36	3, 4, 16, 32, 33, 34, 36, 37, 38	3, 4, 33, 34, 36
		NO_x	3.40	0.17			
		CO	2.90	0.15			
		SO_2	0.01	<0.01			
		PM	0.17	0.01			
		PM_{10}	0.17	0.01			
		$PM_{2.5}$	0.17	0.01			
H-5500	Hot Oil Heater H-5500 Heater MSS Emissions	VOC	0.72	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	1.54	--			
		CO	5.76	--			
		SO_2	25.26	--			
		H_2S	0.07	--			
		NH_3	0.71	--			
		PM	0.77	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM_{10}	0.77	--			
		$PM_{2.5}$	0.77	--			
		NO_x	7.68	--			
		CO	46.10	--			
H-5501	Hot Oil Heater H-5501 Heater MSS Emissions	VOC	0.72	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	1.54	--			
		CO	5.76	--			
		SO_2	25.26	--			
		H_2S	0.07	--			
		NH_3	0.71	--			
		PM	0.77	--			
		PM_{10}	0.77	--			
		$PM_{2.5}$	0.77	--			
		NO_x	7.68	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	46.10	--			
H-5502	Hot Oil Heater H-5502 Heater MSS Emissions	VOC	0.72	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	1.54	--			
		CO	5.76	--			
		SO_2	25.26	--			
		H_2S	0.07	--			
		NH_3	0.71	--			
		PM	0.77	--			
		PM_{10}	0.77	--			
		$PM_{2.5}$	0.77	--			
		NO_x	7.68	--			
		CO	46.10	--			
H-7500	Hot Oil Heater H-7500 Heater MSS	VOC	0.72	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	1.54	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Emissions	CO	5.76	--			
		SO_2	25.26	--			
		H_2S	0.07	--			
		NH_3	0.71	--			
		PM	0.77	--			
		PM_{10}	0.77	--			
		$PM_{2.5}$	0.77	--			
		NO_x	7.68	--			
		CO	46.10	--			
H-7501	Hot Oil Heater H-7501 Heater MSS Emissions	VOC	0.72	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	1.54	--			
		CO	5.76	--			
		SO_2	25.26	--			
		H_2S	0.07	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NH_3	0.71	--			
		PM	0.77	--			
		PM_{10}	0.77	--			
		$PM_{2.5}$	0.77	--			
		NO_x	7.68	--			
		CO	46.10	--			
H-7502	Hot Oil Heater H-7502 Heater MSS Emissions	VOC	0.72	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	1.54	--			
		CO	5.76	--			
		SO_2	25.26	--			
		H_2S	0.07	--			
		NH_3	0.71	--			
		PM	0.77	--			
		PM_{10}	0.77	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		$PM_{2.5}$	0.77	--			
		NO_x	7.68	--			
		CO	46.10	--			
H-5500/ H-5501/ H-5502/ H-7500/ H-7501/ H-7502	Hot Oil Heater Cap (6) Heater MSS Emissions (6)	VOC	--	8.82	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	--	35.13			
		CO	--	35.07			
		SO_2	--	74.01			
		H_2S	--	0.29			
		NH_3	--	11.25			
		PM	--	17.55			
		PM_{10}	--	17.55			
		$PM_{2.5}$	--	17.55			
		NO_x	--	0.74			
		CO	--	4.42			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
H-41500	Hot Oil Heater H-41500 Heater MSS Emissions	VOC	2.24	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_x	1.92	--			
		CO	7.20	--			
		SO_2	13.73	--			
		H_2S	0.07	--			
		NH_3	0.88	--			
		PM	0.96	--			
		PM_{10}	0.96	--			
		$PM_{2.5}$	0.96	--			
		NO_x	9.60	--			
		CO	57.60	--			
H-41501	Hot Oil Heater H-41501 Heater MSS Emissions	VOC	2.24	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_X	1.92	--			
		CO	7.20	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO_2	13.73	--			
		H_2S	0.07	--			
		NH_3	0.88	--			
		PM	0.96	--			
		PM_{10}	0.96	--			
		$PM_{2.5}$	0.96	--			
		NO_X	9.60	--			
		CO	57.60	--			
H-51500	Hot Oil Heater H-51500 Heater MSS Emissions	VOC	2.24	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_X	1.92	--			
		CO	7.20	--			
		SO_2	13.73	--			
		H_2S	0.07	--			
		NH_3	0.88	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.96	--			
		PM_{10}	0.96	--			
		$PM_{2.5}$	0.96	--			
		NO_X	9.60	--			
		CO	57.60	--			
H-51501	Hot Oil Heater H-51501 Heater MSS Emissions	VOC	2.24	--	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_X	1.92	--			
		CO	7.20	--			
		SO_2	13.73	--			
		H_2S	0.07	--			
		NH_3	0.88	--			
		PM	0.96	--			
		PM_{10}	0.96	--			
		$PM_{2.5}$	0.96	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		NO_X	9.60	--			
		CO	57.60	--			
H-41500/ H-41501/ H-51500/ H-51501	Hot Oil Heater Cap (7) Hot Oil Heater MSS Emissions (7)	VOC	--	13.37	3, 6, 7, 21, 22, 23, 29, 32	3, 6, 7, 21, 22, 23, 29, 32, 37, 38	3, 21, 22, 23
		NO_X	--	18.28			
		CO	--	30.48			
		SO_2	--	57.24			
		H_2S	--	0.28			
		NH_3	--	10.76			
		PM	--	15.24			
		PM_{10}	--	15.24			
		$PM_{2.5}$	--	15.24			
		NO_X	--	0.56			
		CO	--	3.34			
H-EP2	Hot Oil Heater H-EP2	VOC	0.30	1.31	3, 6, 21, 22, 23, 29, 32,	3, 6, 21, 22, 23, 29, 32,	3, 21, 22, 23, 33, 34, 36

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Heater MSS Emissions	NO_X	1.50	3.94	33, 34, 36	33, 34, 36, 37, 38	
		CO	5.63	6.57			
		SO_2	0.26	1.13			
		NH_3	0.69	2.10			
		PM	0.75	3.29			
		PM_{10}	0.75	3.29			
		$PM_{2.5}$	0.75	3.29			
		NO_X	7.50	0.12			
		CO	45.00	0.72			
H-61500	Hot Oil Heater H-61500 Heater MSS Emissions	VOC	2.47	--	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36, 37, 38	3, 21, 22, 23, 33, 34, 36
		NO_X	1.92	--			
		CO	7.20	--			
		SO_2	51.21	--			
		H_2S	0.07	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NH_3	0.88	--			
		PM	0.96	--			
		PM_{10}	0.96	--			
		$PM_{2.5}$	0.96	--			
		NO_X	9.60	--			
		CO	57.60	--			
H-61501	Hot Oil Heater H-61501 Heater MSS Emissions	VOC	2.47	--	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36, 37, 38	3, 21, 22, 23, 33, 34, 36
		NO_X	1.92	--			
		CO	7.20	--			
		SO_2	51.21	--			
		H_2S	0.07	--			
		NH_3	0.88	--			
		PM	0.96	--			
		PM_{10}	0.96	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		$PM_{2.5}$	0.96	--			
		NO_X	9.60	--			
		CO	57.60	--			
H-71500	Hot Oil Heater H-71500 Heater MSS Emissions	VOC	2.47	--	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36, 37, 38	3, 21, 22, 23, 33, 34, 36
		NO_X	1.92	--			
		CO	7.20	--			
		SO_2	51.21	--			
		H_2S	0.07	--			
		NH_3	0.88	--			
		PM	0.96	--			
		PM_{10}	0.96	--			
		$PM_{2.5}$	0.96	--			
		NO_X	9.60	--			
		CO	57.60	--			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
H-71501	Hot Oil Heater H-71501 Heater MSS Emissions	VOC	2.47	--	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36, 37, 38	3, 21, 22, 23, 33, 34, 36
		NO_X	1.92	--			
		CO	7.20	--			
		SO_2	51.21	--			
		H_2S	0.07	--			
		NH_3	0.88	--			
		PM	0.96	--			
		PM_{10}	0.96	--			
		$PM_{2.5}$	0.96	--			
		NO_X	9.60	--			
		CO	57.60	--			
H-61500/ H-61501/ H-71500/ H-71501	Hot Oil Heater Cap (9) Hot Oil Heater MSS Emissions (9)	VOC	--	14.33	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36	3, 6, 7, 21, 22, 23, 29, 32, 33, 34, 36, 37, 38	3, 21, 22, 23, 33, 34, 36
		NO_X	--	18.29			
		CO	--	30.48			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO_2	--	100.20			
		H_2S	--	0.28			
		NH_3	--	9.76			
		PM	--	15.24			
		PM_{10}	--	15.24			
		$PM_{2.5}$	--	15.24			
		NO_X	--	0.56			
		CO	--	3.34			
FL-5600	Flare	VOC	0.02	0.11	3, 14, 31	3, 14, 31, 37, 38	3
		NO_X	0.61	2.70			
		CO	2.40	11.00			
		SO_2	<0.01	0.02			
FL-51600	Flare	VOC	0.02	0.11	3, 14, 31, 33, 34	3, 14, 31, 33, 34, 37, 38	3, 33, 34
		NOx	0.61	2.70			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	2.40	11.00			
		SO2	<0.01	0.02			
CT-5601	Cooling Tower CT-5601	VOC	2.52	3.15	17	17, 37, 38	17
		PM	1.50	6.57			
		PM_{10}	0.60	2.63			
		$PM_{2.5}$	0.15	0.66			
CT-7601	Cooling Tower CT-7601	VOC	2.53	4.71	17	17, 37, 38	17
		PM	1.50	6.57			
		PM_{10}	0.60	2.63			
		$PM_{2.5}$	0.15	0.66			
CT-41601	Cooling Tower CT-41601	VOC	3.01	3.15	17	17, 37, 38	17
		PM	1.80	6.58			
		PM_{10}	0.72	2.63			
		$PM_{2.5}$	0.18	0.66			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
CT-51601	Cooling Tower CT-51601	VOC	3.70	4.05	17	17, 37, 38	17
		PM	2.20	8.44			
		PM_{10}	0.88	3.38			
		$PM_{2.5}$	0.22	0.84			
CT-EP2	Cooling Tower CT-EP2	VOC	4.49	8.44	17, 33, 34	17, 33, 34, 37, 38	17, 33, 34
		PM	2.68	11.73			
		PM_{10}	1.07	4.69			
		$PM_{2.5}$	0.27	1.17			
CT-61601	Cooling Tower CT-61601	VOC	3.73	6.95	17, 33, 34	17, 33, 34, 37, 38	17, 33, 34
		PM	2.20	9.64			
		PM_{10}	0.88	3.86			
		$PM_{2.5}$	0.22	0.96			
CT-71601	Cooling Tower CT-71601	VOC	3.73	6.95	17, 33, 34	17, 33, 34, 37, 38	17, 33, 34
		PM	2.20	9.64			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM_{10}	0.88	3.86			
		$PM_{2.5}$	0.22	0.96			
T-2421	Spent Caustic Tank T-2421	VOC	0.99	0.01	8, 9, 10	8, 9, 10, 37, 38	
		H_2S	<0.01	<0.001			
T-3421	Spent Caustic Tank T-3421	VOC	0.99	0.01	8, 9, 10	8, 9, 10, 37, 38	
		H_2S	<0.01	<0.001			
T-5631	Wastewater Tank T-5631	VOC	1.69	0.02	8, 9, 10	8, 9, 10, 37, 38	
T-7631	Wastewater Tank T-7631	VOC	1.69	0.02	8, 9, 10, 33, 34	8, 9, 10, 33, 34, 37, 38	33, 34
CAS-2421	Controlled Emissions from Spent Caustic Tank (EPN T-2421)	VOC	0.05	<0.01	8, 9, 10, 15	8, 9, 10, 15, 37, 38	15
CAS-3421	Controlled Emissions from Spent Caustic Tank (EPN T-3421)	VOC	0.05	<0.01	8, 9, 10, 15	8, 9, 10, 15, 37, 38	15
LOAD-2421	Spent Caustic Loading (T-2421)	VOC	0.09	<0.01	13	13, 37, 38	

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
LOAD-5631	Wastewater Loading (T-5631)	VOC	0.09	<0.01	13	13, 37, 38	
LOAD-3421	Spent Caustic Loading (T-3421)	VOC	0.09	<0.01	13	13, 37, 38	
LOAD-7631	Wastewater Loading (T-7631)	VOC	0.09	<0.01	13, 33, 34	13, 33, 34, 37, 38	33, 34
LOAD-SC-3	Spent Caustic Loading (Frac-4,-5,&-6)	VOC	0.09	<0.01	13, 33, 34	13, 33, 34, 37, 38	33, 34
LOAD-C3-3	Pressurized Loading (Frac-3 & 4 Contribution)	VOC	0.47	<0.01	11, 12, 20	11, 12, 20, 37, 38	
LOAD-C3	Pressurized Loading (EP-2, Frac-5 & 6 Contribution)	VOC	0.47	<0.01	11, 12, 20, 33, 34	11, 12, 20, 33, 34, 37, 38	33, 34
FUG-01	EPS and Frac-1 Equipment Leak Fugitives (5)	VOC	2.25	9.85	3, 18, 20	3, 18, 20, 37, 38	3, 18
		H_2S	<0.01	0.02			
		NH_3	0.02	0.10			
FUG-02	Frac-2 Equipment Leak Fugitives (5)	VOC	1.29	5.64	3, 18, 20	3, 18, 20, 37, 38	3, 18
		H_2S	<0.01	0.01			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FUG-03	Frac-3 Equipment Leak Fugitives (5)	VOC	0.97	4.24	3, 19, 20	3, 19, 20, 37, 38	3, 19
		H_2S	<0.01	0.02			
FUG-04	Frac-4 Equipment Leak Fugitives (5)	VOC	1.53	6.69	3, 19, 20	3, 19, 20, 37, 38	3, 19
		H_2S	0.01	0.02			
		NH_3	0.02	0.10			
FUG-EP2	EP-2 Equipment Leak Fugitives (5)	VOC	0.24	1.03	3, 19, 20, 33, 34	3, 19, 20, 33, 34, 37, 38	3, 19, 33, 34
		NH_3	0.02	0.10			
FUG-05	Frac-5 Equipment Leak Fugitives (5)	VOC	1.22	5.35	3, 19, 20, 33, 34	3, 19, 20, 33, 34, 37, 38	3, 19, 33, 34
		H_2S	0.01	0.02			
		NH_3	0.02	0.10			
FUG-06	Frac-6 Equipment Leak Fugitives (5)	VOC	1.22	5.32	3, 19, 20, 33, 34	3, 19, 20, 33, 34, 37, 38	3, 19, 33, 34
		H_2S	0.01	0.02			
		NH_3	0.02	0.10			
MSS FL-	MSS Flaring Cap (8)	VOC	620.88	12.79	3, 24, 25, 26, 27, 28,	3, 24, 25, 26, 27, 28,	3

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
5600/FL-51600		NO_x	246.65	5.52	30, 31	30, 31, 37, 38	
		CO	1531.80	34.60			
		SO_2	0.25	0.03			
		H_2S	<0.01	<0.001			
MSS FL-5600/FL-51600	MSS Flaring Cap (EP-2 Contribution) (8)	VOC	76.88	1.85	3, 24, 25, 26, 27, 28, 30, 31, 33, 34, 36	3, 24, 25, 26, 27, 28, 30, 31, 33, 34, 36, 37, 38	3, 33, 34, 36
		NO_x	69.46	1.67			
		CO	406.00	9.75			
MSS FL-5600/FL-51600	MSS Flaring Cap (Frac-5 & 6 Contribution) (8)	VOC	384.00	9.24	3, 24, 25, 26, 27, 28, 30, 31, 33, 34, 36	3, 24, 25, 26, 27, 28, 30, 31, 33, 34, 36, 37, 38	3, 33, 34, 36
		NO_x	175.00	4.20			
		CO	1079.00	25.91			
		SO_2	0.19	<0.01			
		H_2S	<0.01	<0.01			
MSS-FUG	MSS Degassing	VOC	176.80	3.43	24, 25, 26, 27, 28, 30	3, 24, 25, 26, 27, 28, 30, 37, 38	
		NH_3	0.47	<0.01			

Major NSR Summary Table

Permit Numbers 106921 and N270					Issuance Date: May 3, 2024		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lb/hr	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
MSS-FUG-E2	MSS De-gassing (EP-2 Contribution)	VOC	14.50	0.57	24, 25, 26, 27, 28, 30, 33, 34	24, 25, 26, 27, 28, 30, 33, 34, 37, 38	33, 34
		NH_3	0.10	<0.01			
MSS-FUG-3	MSS De-gassing (Frac-3 & 4 Contribution)	VOC	169.00	1.44	24, 25, 26, 27, 28, 30	3, 24, 25, 26, 27, 28, 30, 37, 38	
		NH_3	0.07	<0.01			
		H_2S	<0.01	<0.001			
MSS-FUG-5	MSS De-gassing (Frac-5 & 6 Contribution)	VOC	149.00	1.36	24, 25, 26, 27, 28, 30, 33, 34	24, 25, 26, 27, 28, 30, 33, 34, 37, 38	33, 34
		NH_3	0.07	<0.01			
		H_2S	<0.01	<0.01			
All Sources at the Site	All Sources at the Site	Individual HAP	-	<10	39	37, 38, 39	
All Sources at the Site	All Sources at the Site	Total HAPs	-	<25	39	37, 38, 39	

(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
H_2S - Hydrogen Sulfide
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
NH_3 - ammonia
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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) Annual Emissions represent combined annual emissions from heaters H-5500, H-5501, H-5502, H-7500, H-7501, and H-7502.
(7) Annual Emissions represent combined annual emissions from heaters H-41500, H-41501, H-51500, and H-51501.
(8) Emissions represent total combined emission rates from EPNs FL-5600 and FL-51600.
(9) Annual Emissions represent combined annual emissions from heaters H-61500, H-61501, H-71500, and H-71501.

Texas Commission on Environmental Quality
Air Quality Permit

A Permit Is Hereby Issued To
ONEOK Hydrocarbon, L.P.
Authorizing the Construction and Operation of
Mont Belvieu NGL5387304 **Fractionation Unit**
Located at **Mont Belvieu, Chambers County, Texas**
Latitude 29.8583 Longitude -94.89028

Permits: 106921 and N270

Amendment Date: May 3, 2024

Expiration Date: April 25, 2033

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
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 Number 106921 and N270

1. This permit authorizes natural gas fractionation operations for a facility located at 1802 N Loop 207, Mont Belvieu, Chambers County, Texas.

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

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 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.

   C. Subpart KKK, Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants.

   D. Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

   E. Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.

   F. Subpart OOOO, Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution.

   G. Subpart OOOOa, Standards of Performance for Crude Oil and Natural Gas Facilities.

4. These facilities shall comply with all applicable requirements of the 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 ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

5. If any condition of this permit is more stringent than the applicable regulations in Special Condition Nos. 3 and 4, then for the purposes of complying with this permit, the permit shall govern and be the standard by which compliance shall be demonstrated.

Emission Standards and Operational Specifications

Hot Oil Heaters

6. Unless otherwise stated, all process vent streams shall be routed to one of the Hot Oil Heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-61500, H-61501, H-71500, and H-71501) for control of emissions; the following requirements shall apply to the heaters:

   A. The heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-61500, H-61501, H-71500, and H-71501) shall achieve a minimum destruction efficiency of 99 wt.-% for the Volatile Organic Compounds (VOC) and Hydrogen Sulfide (H_2S) in the vent streams routed to the heaters.

   B. The heaters shall be fired with natural gas, ethane, or a combination of natural gas, ethane, and vent stream waste gas.

   C. Sweet natural gas fuel and ethane fuel for the heaters shall each contain no more than 0.6 grains of total sulfur per 100 dry standard cubic feet (dscf). The natural gas and ethane fuel shall each be sampled semiannually to determine total sulfur content and net heating value. Test results from the fuel supplier may be used to satisfy this requirement.

   D. Except as specified in Special Condition 29, the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501) shall be controlled using Selective Catalytic Reduction. **(03/20)**

   E. Except as specified in Special Condition 29, Nitrogen Oxides (NO_x), Carbon Monoxide (CO), and ammonia (NH_3) concentrations from the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501) shall not exceed the following emission limits.

   The following emission limits shall apply to the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502) during normal operation and during periods of standby or turndown:

   0.01 lb NO_x/MMBtu - hourly average

   50 ppmvd CO corrected to 3 percent oxygen - hourly average

   10 ppmvd NH_3 corrected to 3 percent oxygen - hourly average

   0.01 lb NO_x/MMBtu – annual average

   The following emission limits shall apply to the hot oil heaters (EPNs H-41500, H-41501, H-51500 H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501) during normal operation and during periods of standby or turndown:

   0.01 lb NO_x/MMBtu - hourly average

   50 ppmvd CO corrected to 3 percent oxygen - hourly average

   10 ppmvd NH_3 corrected to 3 percent oxygen - hourly average

0.006 lb NO_x/MMBtu – annual average

F. The following firing rate limits shall apply to the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502):

Each Hot Oil Heater is limited to a maximum firing rate of 154 MMBtu/hr and an annual firing rate of 1,350,000 MMBtu/yr.

G. The following firing rate limits shall apply to the hot oil heaters (EPNs H-41500, H-41501, H-51500, H-51501, H-61500, H-61501, H-71500, and H-71501):

Each Hot Oil Heater is limited to a maximum firing rate of 192 MMBtu/hr.

H. The following firing rate limits shall apply to the hot oil heater (EPN H-EP2):

Each Hot Oil Heater is limited to a maximum firing rate of 150 MMBtu/hr.

I. If there is a bypass for the heaters, 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 that the position of the valves and the condition of the car seals prevent flow out the bypass.

A bypass does not include authorized analyzer vents, highpoint bleeder vents, low point drains, or rupture discs upstream of pressure relief valves if the pressure between the disc and relief valve is monitored and recorded at least weekly. A deviation shall be reported if the monitoring or inspections indicate bypass of the control device when it is required to be in service.

Records of the inspections required shall be maintained and if the results of any of the above inspections are not satisfactory, the permit holder shall promptly take necessary corrective action.

7. The permit holder shall determine the total reduced sulfur concentration from the gas streams combusted in the hot oil heater as follows:

A. Samples shall be collected weekly for each vent gas stream routed to a process heater for combustion. Vent streams that are mixed prior to combustion may be sampled after mixing. A sample point that is representative of the composition being combusted in more than one heater may be used for each heater to which that stream is vented.

B. Sampling and analysis shall be conducted by the following reference methods as applicable:

(1) ASTM D1072 -06 (2012): Standard Test Method for Total Sulfur in Fuel Gases by Combustion and Barium Chloride Titration

(2) ASTM D7551: 10 Standard Test Method for Determination of Total Volatile Sulfur in Gaseous Hydrocarbons and Liquefied Petroleum Gases and Natural Gas by Ultraviolet Fluorescence.

(3) ASTM D5504: 12 Standard Test Method for Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence.

(4) ASTM D6667: Standard Test Method for Determination of Total Volatile Sulfur in Gaseous Hydrocarbons and Liquefied Petroleum Gases by Ultraviolet Fluorescence.

(5) ASTM D3246: 11 Standard Test Method for Sulfur Compounds in Petroleum Gas by Oxidative Microcoulometry.

(6) Any other method approved by the TCEQ Executive Director or the TCEQ Regional Director. The method must be approved by the TCEQ Executive Director or TCEQ Regional Director prior to use.

C. The sampling frequency for the vent gas streams is specified as follows:

(1) Weekly, such that after samples have been collected for three consecutive months, the frequency may be reduced to monthly if the result from each sample in the collection period is within 25% of the mean of all collected samples.

(2) Every 24 hours, if at any time the total reduced sulfur concentration sampled indicates SO_2 emissions within 20% of the hourly MAERT limit, sampling for total reduced sulfur shall be repeated every 24 hours until the measured concentration results in SO_2 emissions below 80% of the maximum hourly MAERT limit.

(3) Upon notification of an increase of more than 25 ppm in total sulfur in the raw feed stream (above levels previously demonstrated to show compliance with MAERT limits) from the supplier, daily samples shall be taken for the first 7 days the stream is received after notification.

D. Results from the monitoring of total reduced sulfur shall be used to determine compliance with the emission rates specified in the MAERT.

E. Records shall include the date of the sample, sampling results, calculated SO_2 emissions, and notifications of change in feed stream sulfur content received from the supplier. Records shall be kept for a period of 5 years.

Storage Tanks

8. Storage tank throughput and service shall be limited to the following:

Tank	Service	Maximum Fill Rate (gallons/hour)	Rolling 12 Month Throughput (gallons)
T-2421	Spent Caustic	16,900	567,840
T-5631	Wastewater	29,000	604,800
T-3421	Spent Caustic	16,900	1,135,680
T-7631	Wastewater	29,000	1,814,400

9. Storage tanks EPNs T-2421, T-3421, T-7631, and T-5631 are subject to the following requirements:

A. 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 painted white or aluminum. Storage tanks must be equipped with permanent submerged fill pipes.

B. 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 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 submittals dated June 2015 and March 2018. Sample calculations from the applications shall be attached to a copy of this permit at the plant site.

10. Emissions from storage tanks EPNs T-2421, T-3421 and V-50431(spent caustic) shall be minimized by one of the following methods. **(5/24)**

A. Emissions shall be vented to a Carbon Adsorption System meeting the requirements of Special Condition 15.

B. Minimize the VOC partial pressure.

(1) Low partial pressure liquid that is insoluble with the VOC liquid previously stored may be added to lower the VOC partial pressure of the hydrocarbon mixture remaining in the tank to less than or equal to 0.02 psia. This liquid shall be added prior to initial fill and to reduce the vapor pressure of the liquid mixture as needed.

(2) The hydrocarbon layer shall be sampled once per month to determine the VOC partial pressure of the hydrocarbon mixture.

(3) 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, tank capacity in gallons, name of the material stored, the estimated volume of VOC liquid in the tank and the volume and type of VOC liquid added to reduce vapor pressure, VOC monthly average temperature in degrees Fahrenheit, VOC vapor pressure at the monthly average material temperature in psia, results of sampling per Special Condition 10.B(2) and all calculations used to determine VOC vapor pressure at the monthly average material temperature, VOC throughput for the previous month and year-to-date.

(4) Compliance with short term VOC emission rates shall be demonstrated each month using the VOC partial pressure as specified in paragraph (2) of this condition.

C. Storage tank V-50431shall vent to the flare header. **(5/24)**

11. Pressurized tanks shall be maintained such that there are no emissions of VOC to the atmosphere during normal operating conditions (including filling operations).

12. The permit holder shall maintain prevention and protection measures for the NH_3 storage system which includes the following:

    A. The NH_3 storage tank area will be marked and secured so as to protect the NH_3 storage tank from accidents that could cause a rupture.

    B. The permit holder shall maintain the piping and valves in NH_3 service in accordance with Special Condition 20.

    C. Stored NH_3 must have a concentration of less than 20% NH_3 by weight. **(5/24)**

Loading

13. Loading operations are limited to the materials, loading rates and emission points specified in the following table:

Loaded Materials	Maximum Loading Rate (gallons per Hour)	Annual Loading Rate (gallons per year)
Spent Caustic Liquids EPN LOAD-2421	7560	567,840
Spent Caustic Liquids EPN LOAD-SC3	7560	1,732,512
Spent Caustic Liquids EPN LOAD-3421	7560	1,135,680
Wastewater EPN LOAD-5631	7560	604,800
Wastewater EPN LOAD-7631	7560	1,814,400

    A. All loading shall be submerged and rolling 12-month rack throughput records shall be updated on a monthly basis for each product loaded.

    B. 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.

    C. When products to be loaded have a total vapor pressure (excluding water vapor) greater than or equal to 0.5 psi, the loading emissions shall be vented to the flare EPN: FL-5600 or FL-51600. **(5/24)**

Flares

14. Flares (EPN FL-5600, FL-51600) shall be designed and operated in accordance with the following requirements: **(5/24)**

    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 or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Infrared monitors 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 air assist to the flare.

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%, temperature monitor shall be ±2.0% at absolute temperature, and pressure monitor shall be ±5.0 mm Hg;

If VOC is monitored, 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).

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 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 renewal and amendment application PI-1 dated January 18, 2023.

E. Pilot and sweep gas shall be sweet natural gas or ethane containing no more than 0.6 grains of total sulfur per 100 dry standard cubic feet.

Carbon Adsorption System (CAS)

15. When using a carbon system as a control option, the spent caustic tanks (EPNs T-2421 and T-3421) shall vent through a carbon adsorption system (CAS) consisting of at least two activated carbon canisters that are connected in series.

A. The CAS shall be sampled weekly to determine breakthrough of volatile organic compounds (VOC). The sampling point shall be at the outlet of the initial canister but before the inlet to the second or final polishing canister. Sampling shall be performed while the tank is being filled with spent caustic.

B. The VOC sampling and analysis shall be performed using an instrument with a flame ionization detector (FID), or a TCEQ-approved alternative detector. The instrument/FID must meet all requirements specified in Section 8.1 of EPA Method 21 (40 CFR 60, Appendix A). Sampling and analysis for VOC breakthrough shall be performed as follows:

(1) Immediately prior to performing sampling, the instrument/FID shall be calibrated with zero and span calibration gas mixtures. Zero gas shall be certified to contain less than 0.1 ppmv total hydrocarbons. Span calibration gas shall be methane at a concentration within ± 10 percent of 100 ppmv and certified by the manufacturer to be ± 2 percent accurate. Calibration error for the zero and span calibration gas checks must be less than ± 5 percent of the span calibration gas value before sampling may be conducted.

(2) The sampling point shall be at the outlet of the initial canister but before the inlet to the second or final polishing canister. Sample ports or connections must be designed such that air leakage into the sample port does not occur during sampling.

(3) During sampling, data recording shall not begin until after two times the instrument response time. The VOC concentration shall be monitored for at least 5 minutes, recording 1-minute averages, during tank filling.

C. Breakthrough shall be defined as the highest 1-minute average measured VOC concentration at or exceeding 100 ppmv. When the condition of breakthrough of VOC from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within 24 hours. 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.

D. Records of the CAS monitoring maintained at the plant site, shall include (but are not limited to) the following:

(1) Sample time and date.

(2) Monitoring results (ppmv).

(3) Corrective action taken including the time and date of that action.

(4) Process operations occurring at the time of sampling.

E. Alternate monitoring or sampling requirements that are equivalent or better may be approved by the TCEQ Regional Manager. Alternate requirements must be approved in writing before they can be used for compliance purposes

Engines

16. The firewater pump diesel engines (EPNs ENG-04 and ENG-10) and emergency air compressor (EPN ENG-03) are authorized to fire diesel fuel containing not more than 15 ppmw total sulfur. The flare blower emergency generator (EPN ENG-09) and emergency air compressor (EPN ENG-07) are authorized to fire pipeline-quality, sweet natural gas containing no more than 0.6 grain total sulfur per 100 dry standard cubic feet (dscf). These engines are each limited to a maximum of 100 non-emergency hours of operation annually and a maximum of two non-emergency hours of operation per day. Records kept shall

include the Emission Point Number, the date of the non-emergency operation, and the event duration. Records shall be kept for a period of 5 years. **(5/24)**

A. A non-resettable run time meter shall be installed on each engine. **(5/24)**

B. No operations of a diesel engine for testing or maintenance between 6:00am and noon, except for activities in 30 TAC §§117.2030(c)(1)-(2). **(5/24)**

Cooling Towers

17. The cooling towers (EPNs CT-5601, CT-7601, CT-41601, CT-51601, CT-EP2, CT-61601, and CT-71601) shall be operated and monitored as follows:

A. The VOC associated with cooling tower water shall be monitored monthly with an air stripping system meeting the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or an approved equivalent sampling method. The results of the monitoring, cooling water flow rate, and maintenance activities on the cooling water system shall be recorded. The monitoring results and cooling water hourly mass flow rate shall be used to determine cooling tower hourly VOC emissions. The rolling 12-month cooling water emission rate shall be recorded on a monthly basis and be determined by summing the VOC emissions between VOC monitoring periods over the rolling 12-month period. The emissions between VOC monitoring periods shall be obtained by multiplying the total cooling water mass flow between cooling water monitoring periods by the higher of the 2 VOC monitored results.

B. The cooling towers shall be equipped with drift eliminators having manufacturer's design assurance of 0.001% drift or less. Drift eliminators for cooling towers EPN CT-41601, CT-51601, CT-EP2, CT-61601, and CT-71601 shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.

C. Total dissolved solids (TDS) shall not exceed 5000 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 (i.e., 40% of the dissolved solids in the cooling water drift are considered to be emitted as PM_{10},10% of the dissolved solids in the cooling water drift are considered to be emitted as $PM_{2.5}$).

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 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 D(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.

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, 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 D1125-95A (field or routine laboratory testing) or ASTM D1125-95B (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 E(1) and E(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.

F. Quality-assured (or valid) data must be generated when the cooling tower is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided the total data loss period does not exceed 5 percent of the time (in hours) that the cooling tower operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

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

Fugitives

Piping, Valves, Connectors, Pumps, Agitators, and Compressors - 28VHP

(Applies to EPS, Frac-1, and Frac-2 Process Unit, EPNs FUG-01 and FUG-02)

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

A. The requirements of paragraphs F and G shall not apply (1) where the Volatile Organic Compound (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:

(1) piping and instrumentation diagram (PID);

(2) a written or electronic database or electronic file;

(3) color coding;

(4) a form of weatherproof identification; or

(5) designation of exempted process unit boundaries.

B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.

C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe-to-monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe-to-monitor times. A difficult-to-monitor component for which quarterly monitoring is specified may instead be monitored annually.

E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through, but records of inspections are not required unless a leak is detected.

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

H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g.,

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

I. A leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.

J. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.

K. Alternative monitoring frequency schedules of 30 TAC 115.352 - 115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.

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

Piping, Valves, Pumps, Agitators, and Compressors - Intensive Directed Maintenance – 28 LAER ***(Applies to Frac-3, Frac-4, EP-2, Frac-5, and Frac-6 Process Units, EPNs FUG-03, FUG-04, FUG-EP2, FUG-05, and FUG-06). Paragraph E(1) for Monitoring Connectors also applicable to EPS, Frac-1 and Frac-2 Process Units, EPNs FUG-01 and FUG-02)***

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

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:

(1) piping and instrumentation diagram (PID);

(2) a written or electronic database or electronic file;

(3) color coding;

(4) a form of weatherproof identification; or

(5) designation of exempted process unit boundaries.

B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.

C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe to monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe to monitor times. A difficult to monitor component for which quarterly monitoring is specified may instead be monitored annually.

E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance.

(1) Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through but records of inspections are not required unless a leak is detected. In addition, all connectors shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer with a directed maintenance program in accordance with items F thru J of this special condition.

In lieu of the monitoring frequency specified above, connectors may be monitored on a semiannual basis if the percent of connectors leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.

Connectors may be monitored on an annual basis if the percent of connectors leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.

If the percent of connectors leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in this paragraph.

The percent of connectors leaking used in paragraph B shall be determined using the following formula:

(Cl + Cs) x 100/Ct = Cp

Where:

Cl = the number of connectors found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.

Cs = the number of connectors for which repair has been delayed and are listed on the facility shutdown log.

Ct = the total number of connectors in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including non-accessible and unsafe to monitor connectors.

Cp = the percentage of leaking connectors for the monitoring period.

(2) 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.

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. Non accessible valves shall be monitored by leak-checking for fugitive emissions at least annually using an approved gas analyzer with a directed maintenance program. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture

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

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, than the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

A directed maintenance program shall consist of the repair and maintenance of components assisted simultaneously by the use of an approved gas analyzer such that a minimum concentration of leaking VOC is obtained for each component being maintained. Replaced components shall be re-monitored within 15 days of being placed back into VOC service.

G. All new and replacement pumps, compressors, and agitators shall be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. These seal systems need not be monitored and may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

All other pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly.

H. Damaged or leaking valves, connectors, compressor seals, pump seals, and agitator seals found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be maintained. 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. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal

to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.

I. 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, 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.

J. 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.

K. 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.

L. The percent of valves leaking used in paragraph K 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.

M. Any component found to be leaking by physical inspection (i.e., sight, sound, or smell) shall be repaired or monitored with an approved gas analyzer within 15 days to determine whether the component is leaking in excess of 500 ppmv of VOC. If the component is found to be leaking in excess of 500 ppmv of VOC, it shall be subject to the repair and replacement requirements contained in this special condition.

Piping, Valves, Pumps, and Compressors in contact with NH_3 and H_2S – 28AVO

20. Except as may be provided for in the Special Conditions of this permit, the following requirements apply to the above-referenced equipment in aqueous ammonia and acid gas service: **(5/24)**

    A. Audio, olfactory, and visual checks for NH_3 and H_2S leaks within the operating area shall be made once per shift (12-hours). **(5/24)**

    B. Immediately, but no later than one hour upon detection of a leak, plant personnel shall take at least one of the following actions:

    C. Isolate the leak.

    D. Commence repair or replacement of the leaking component.

    E. Use a leak collection/ containment system to control 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 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. **(5/24)**

Initial Demonstration of Compliance

21. The permit holder shall perform stack sampling and other testing as required to demonstrate compliance with the destruction efficiency specified in Special Condition 6 and establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501) to demonstrate compliance with the MAERT. The permit holder is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and the U.S. EPA Reference Methods.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for 40 CFR Part 60 testing which must have EPA approval shall be submitted to the TCEQ Regional Director.

    A. The appropriate TCEQ Regional Office shall be notified not less than 45 days prior to sampling. The notice shall include:

        (1) Proposed 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.

        (6) Description of any proposed deviation from the sampling procedures specified in this permit or TCEQ/EPA sampling procedures.

(7) Procedure/parameters to be used to determine worst case emissions during the sampling period.

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 the test reports. The TCEQ Regional Director must approve any deviation from specified sampling procedures.

B. Air contaminants emitted from the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501) to be tested for include (but are not limited to) NO_x, CO, VOC, and NH_3.

C. Sampling shall occur within 60 days after achieving the maximum firing rate, but no later than 180 days after initial start-up of the facilities and at such other times as may be required by the TCEQ Executive Director. Requests for additional time to perform sampling shall be submitted to the appropriate regional office.

D. The facility being sampled shall operate at the maximum firing rate and be fired with both natural gas and process vent gas during stack emission testing. These conditions/parameters and any other primary operating parameters that affect the emission rate shall be monitored and recorded during the stack test. Any additional parameters shall be determined at the pretest meeting and shall be stated in the sampling report. Permit conditions and parameter limits may be waived during stack testing performed under this condition if the proposed condition/parameter range is identified in the test notice specified in paragraph A and accepted by the TCEQ Regional Office. Permit allowable emissions and emission control requirements are not waived and still apply during stack testing periods.

During subsequent operations, if the daily average firing rate of any source previously tested or currently listed in this condition (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501) is greater than that recorded during its test period, stack sampling shall be performed at the new operating conditions within 120 days. This sampling may be waived by the TCEQ Air Section Manager for the region.

E. Copies of the final sampling report shall be forwarded to the offices below within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions entitled “Chapter 14, Contents of Sampling Reports” of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One set of copies to the appropriate TCEQ Regional Office.

One set of copies to each local air pollution control program.

22. Sampling ports and platform(s) shall be incorporated into the design of the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501) according to the specifications set forth in the attachment entitled “Chapter 2, Stack Sampling Facilities” of the Texas Commission on Environmental Quality (TCEQ) Sampling Procedures Manual. Alternate sampling facility designs must be submitted for approval to the TCEQ Regional Director.

Continuous Demonstration of Compliance

23. The permit holder shall install, calibrate, and maintain a continuous emission monitoring system (CEMS) to measure and record the in-stack concentration of NO_x, CO, and NH_3 from the hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501).

    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, Title 40 Code of Federal Regulation Part 60 (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 for requirements to be met.

    B. Section 1 below applies to sources subject to the quality-assurance requirements of 40 CFR Part 60, Appendix F; section 2 applies to all other sources:

        (1) The permit holder shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, Procedure 1. Relative accuracy exceedances, as specified in 40 CFR Part 60, Appendix F, § 5.2.3 and any CEMS downtime shall be reported to the appropriate TCEQ Regional Manager, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Manager.

        (2) 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 the applicable Performance Specification Nos. 1 through 9, 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.

        Each monitor shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, Section 5.1.2, with the following exception: a relative accuracy test audit (RATA) is not required once every four quarters (i.e., four successive quarterly CGA may be conducted). An equivalent quality-assurance method approved by the TCEQ may also be used. Successive quarterly audits shall occur no closer than two months.

        All CGA exceedances of +15 percent accuracy indicate that the CEMS is out of control.

    C. The monitoring data shall be reduced to 1-hour average concentrations at least once every day, using a minimum of four equally spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emission rate in the MAERT and Special Condition 6 at least once every week as follows:

    Emissions calculations based on measured concentrations and exhaust flow rate shall be used to convert the 1-hour average concentration from the CEMS to lb/MMBtu, ppmvd, and lb/hr to demonstrate compliance with the NO_x, CO, and NH_3 emission limits in Special Condition 6 and the MAERT. Exhaust flow rate may be monitored directly or calculated by monitoring fuel flow during testing and using EPA Test Method 19.

    The permit holder shall install and operate a fuel flow meter to measure the natural gas, ethane fuel, and vent gas usage for each heater. The monitored data shall be reduced to an

hourly average flow rate at least once every day, using a minimum of four equally spaced data points from each one-hour period. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or at least annually, whichever is more frequent, and shall be accurate to within 5 percent. In lieu of monitoring fuel flow, the permit holder may monitor stack exhaust flow using the flow monitoring specifications of 40 Code of Federal Regulations (CFR) Part 60, Appendix B, Performance Specification 6 or 40 CFR Part 75, Appendix A.

D. All monitoring data and quality-assurance data shall be maintained by the source. The data from the CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.

E. The appropriate TCEQ Regional Office shall be notified at least 30 days prior to any required RATA in order to provide them the opportunity to observe the testing.

F. Quality-assured (or valid) data must be generated when the hot oil heater is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the hot oil heater operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded. Options to increase system reliability to an acceptable value, including a redundant CEMS, may be required by the TCEQ Regional Manager.

Maintenance, Start-up, and Shutdown

24. Planned startup and shutdown emissions due to the activities identified in Special Condition 25 are authorized from facilities and emission points identified in this permit provided the facility and emissions are compliant with the respective MAERT and special conditions, or Special Condition 29 of this permit.

25. This permit authorizes the emissions from the planned maintenance, startup, and shutdown (MSS) activities summarized in the MSS Activity Summary (Attachment B) attached to this permit.

Routine maintenance activities, as identified in Attachment A may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment A shall be calculated using either the number of work orders or equivalent that month and the emissions associated with that activity identified in the permit application or the methods specified in condition E below.

The performance of each planned MSS activity not identified in Attachment A, 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 and time of the MSS activity and its duration;

E. the estimated quantity of each air contaminant, or mixture of air contaminants, emitted with the data and methods used to determine it. The emissions shall be estimated using the methods identified in the permit application, consistent with good engineering practice.

All MSS emissions shall be summed monthly and the rolling 12-month emissions shall be updated on a monthly basis.

26. Process units and facilities, with the exception of those identified in Special Condition 28 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.

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 or 95°F, any vents in the system must be routed to a control device or a controlled recovery system. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded. Control must remain in place until degassing has been completed or the system is no longer vented to atmosphere.

C. All liquids from process equipment or storage vessels must be removed to the maximum extent practical prior to opening equipment to commence degassing and/or maintenance. Liquids must be drained into a closed vessel or closed liquid recovery system unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid must be covered or transferred to a covered vessel within one hour of being drained.

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 A, the following option may be used in lieu of (2) below. The facilities being prepared for maintenance shall not be vented directly to atmosphere 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 (process flow diagrams [PFDs] or piping and instrumentation diagrams

[P&IDs] may be used to demonstrate compliance with the requirement). 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 27. 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. If there is not a connection (such as a sample, vent, or drain valve) available from which a representative sample may be obtained, a sample may be taken upon entry into the system after degassing has been completed. The sample shall be taken from inside the vessel so as to minimize any air or dilution from the entry point. 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. Documented site procedures used to de-inventory equipment to a control device for safety purposes (i.e., hot work or vessel entry procedures) that achieve at least the same level of purging may be used in lieu of the above.

E. Gases and vapors 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.

All instances of venting directly to atmosphere as allowed by this Paragraph 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 for those planned MSS activities identified in Attachment A.

27. 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 (RF) 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 (RF) shall be recorded. If the RF of the VOC (or mixture of VOCs) to be monitored is greater than 2.0, the VOC concentration shall be determined as follows:

VOC Concentration = Concentration as read from the instrument*RF

In no case should a calibration gas be used such that the RF of the VOC (or mixture of VOCs) to be monitored is greater than 5.0.

(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. As an alternative the VOC concentration may be monitored over a five-minute period with an instrument designed to continuously measure concentration and record the highest concentration read. The highest measured VOC concentration shall be recorded and 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 as defined in (3) is less than 80 percent of the range of the tube and 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 condition prior to uncontrolled venting:

The measured contaminant concentration (ppmv) is less than the release concentration, where:

The release concentration is defined as 10,000 * the 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, and 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 within 30 days of use 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 functionality test shall be performed on each detector within 24 hours of use with a certified 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 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.

28. The following requirements apply to fixed roof storage tanks:

A. The tank shall not be opened or ventilated without control, except as allowed by (1) until one of the criteria in paragraph B of this condition is satisfied.

(1) Minimize air circulation in the tank vapor space.

(a) One manway may be opened to allow access to the tank to remove or de-volatilize the remaining liquid. Other manways or access points may be opened as necessary to remove or de-volatilize the remaining liquid. Wind barriers shall be installed at all open manways and access points to minimize air flow through the tank.

(b) Access points shall be closed when not in use.

B. The tank may be opened without restriction and ventilated without control, after all standing liquid has been removed from the tank or the liquid remaining in the tank has a VOC partial pressure less than 0.02 psia. These criteria shall 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 435 Subpart A Appendix 1.

(b) 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 or one percent of the LEL through the procedure in Special Condition 27.

(3) No standing liquid verified through visual inspection.

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

C. If the ventilation of the vapor space is controlled, the emission control system shall meet the requirements of (1) through (4) below. Controlled degassing of the vapor space shall be completed as follows:

(1) Any gas or vapor removed from the vapor space 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 when degassing to the control device or controlled recovery system.

(2) The vapor space 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 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 27.

(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.

D. Records shall be maintained as follows:

(1) for the purpose of estimating emissions, the date, time, and other information specified for each of the following events:

(a) start and completion of controlled degassing, and total volumetric flow,

(b) 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,

(c) if there is liquid in the tank, VOC partial pressure of liquid, start and completion of uncontrolled degassing, and total volumetric flow;

(2) the estimated quantity of each air contaminant, or mixture of air contaminants, emitted between events a with the data and methods used to determine it.

29. All permanent facilities must comply with all operating requirements, limits, and representations 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 Condition 6.E 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 8 hours in duration and the firing rate does not exceed 75 percent of the design firing rate. The time it takes to complete the shutdown does not exceed 8 hours.

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

B. The limits identified below apply to the operations of the specified facilities during transient periods, startup and shutdown.

(1) The following applies to hot oil heaters (EPNs H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501)

(a) Heaters shall be limited to transient periods of not to exceed 356 hours per year total. Transient operations include a change in raw feed flow, change in raw feed composition, change in excess air, flow changes due to sudden fuel demand or weather, change in fuel and hot oil flow or start-up and shutdown of equipment.

(b) Concentrations of NO_x and CO emissions during planned startups, shutdowns and transient operations shall not exceed 0.05 lb NO_x/MMBtu on an hourly average and 400 ppmvd CO corrected to 3 percent oxygen on an hourly average.

(c) Subparagraph B(1)(b) of this condition does not apply to the hot oil heaters during periods of turndown or standby. For purposes of this permit, turndown or standby is defined as any operating condition below 20% of the maximum firing rate that is not part of a start-up or shutdown.

(d) Unit shutdown begins with the firing rate falls below 60 % of the maximum firing rate and shall not exceed 8 hours.

(2) The higher emission limits identified in Subparagraph B(1)(b)) of this condition, from planned start-up or shutdown of the hot oil heaters, are limited to emissions from no more than seven of the heaters occurring simultaneously.

C. A record shall be maintained indicating the start and end times of each of the identified activities, and documenting that the requirements for each have been satisfied.

30. Additional occurrences of MSS activities authorized by this permit may be authorized under permit by rule only if conducted in compliance with this permit's procedures, emission controls, monitoring and recordkeeping requirements applicable to the activity.

31. 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 process or to a collection system that is vented through a control device (i.e., plant flare system) meeting the requirements of this permit condition.

A. Permanent flares

(1) The heating value and velocity requirements in 40 CFR § 60.18 shall be satisfied during operations authorized by this permit.

(2) The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple 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.

(3) Waste and assist gas flows are monitored in accordance with the requirements of Special Condition No. 14 to demonstrate adequate flare tip heating value during unit de-gassing and start-up/shutdown operations.

B. Portable flares

(1) The heating value and velocity requirements in 40 CFR § 60.18 shall be satisfied during operations authorized by this permit.

(2) The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date and duration of any loss of the pilot flame shall be recorded. The monitoring device shall be accurate to and shall be calibrated at a frequency in accordance with the manufacturer's specifications.

(3) The flare shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours.

(4) The permit holder shall demonstrate continuous compliance with the minimum net heating value and maximum tip velocity requirements of 40 CFR § 60.18 by maintaining up-to-date documentation that includes the following for each flaring event:

(a) the flow (in standard cubic feet per minute [scfm]) of waste gas that is routed to the flare, which may be determined using engineering calculations;

(b) the assist gas (natural gas) added to the vent gas stream (in scfm), if applicable;

(c) calculated net heating value of the combined gas stream entering the flare (in Btu/scf);

(d) calculated velocity of the combined vent gas exiting flare tip (in feet per second [ft/s]); and

A copy of the calculations and supporting documentation shall be maintained on site to demonstrate compliance with applicable requirements of 40 CFR § 60.18, and shall be made available to the TCEQ personnel, EPA or local pollution control authorities immediately upon request.

C. The following requirements apply to capture systems for the plant flares:

(1) Conduct monthly visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or

(2) Once a 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.

(3) The control device shall not have a bypass. A bypass does not include authorized analyzer vents, highpoint bleeder vents, low point drains, or rupture discs upstream of pressure relief valves if the pressure between the disc and relief valve is monitored and recorded at least weekly. A deviation shall be reported if the monitoring or inspections indicate bypass of the control device when it is required to be in service.

Records of the inspections required shall be maintained and if the results of any of the above inspections are not satisfactory, the permit holder shall promptly take necessary corrective action.

Opacity / Visible Emissions Limitations (5/24)

32. During normal operations, opacity of emissions from the heaters and engines authorized by this permit shall not exceed 5 percent averaged over a six minute period. During periods of startup, shutdown or maintenance, the opacity from the stacks shall not exceed 15 percent over a six

minute period. The permit holder shall demonstrate compliance with this Special Condition in accordance with the following procedures:

A. Visible emission observations shall be conducted and recorded at least once during each calendar quarter while the facility is in operation, unless the emission unit is not operating for the entire calendar quarter.

B. Continuous demonstration of compliance with this special condition can be demonstrated by conducting and recording visible emissions observations during normal operations. This determination shall be made by first observing for visible emissions while each facility is in operation. Observations shall be made at least 15 feet and no more than 0.25 mile from the emission point(s). Up to three emissions points may be read concurrently, provided that all three emissions points are within a 70 degree viewing sector or angle in front of the observer such that the proper sun position (at the observer's back) can be maintained for all three emission points. A certified opacity reader is not required for these visible emission observations.

C. If visible emissions are observed from an emission point, then opacity shall be determined and documented within 24 hours for that emission point using Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Reference Method 9. Contributions from uncombined water shall not be included in determining compliance with this condition.

D. If the opacity limits of this Special Condition are exceeded, corrective action to eliminate the source of visible emissions shall be taken promptly and documented within one week of first observation.

E. Visible emissions or opacity observations for any source authorized by this permit shall be made upon demand of a representative of the TCEQ or any air pollution control program with jurisdiction. When such observations are required, the methods used and the observation period duration shall be as specified in this Special Condition unless otherwise specified by the person requiring the observation to be conducted.

Offset Conditions

33. This Nonattainment New Source Review (NNSR) permit is issued/approved based on the requirement that the permit holder offset the project emission increase for facilities authorized by this permit prior to the commencement of operation, through participation in the TCEQ Emission Banking and Trading (EBT) Program in accordance with the rules in 30 TAC Chapter 101, Subchapter H. In the case of phased construction, offsets must be provided prior to the commencement of operation for only the new or modified facilities associated with each phase of construction.

34. The permit holder shall use 34.8 tons per year (tpy) of NO_x credits to offset the 29.0 tpy NO_x project emission increase for the facilities authorized by this permit at a ratio of 1.2 to 1.0.

    A. The permit holder shall use 5.8 tpy of NOx ERCs from TCEQ credit certificate number 2829 to offset a portion of the project emission increase for the facilities authorized by this permit at a ratio of 1.2 to 1.0. **(5/24)**

    B. Prior to the commencement of operation, the permit holder shall obtain approval from the TCEQ EBT Program for the credits being used and then submit a permit alteration or amendment request to the TCEQ Air Permits Division (and copy the TCEQ Regional Office) to identify approved credits by TCEQ credit certificate number. **(5/24)**

35. The permit holder shall use 75.5 tons per year (tpy) of VOC credits to offset the 62.9 tpy VOC project emission increase for the facilities authorized by this permit at a ratio of 1.2 to 1.0

    A. The permit holder shall use 45.5 tpy of VOC ERCs from TCEQ credit certificate numbers 2827 and 2861 to offset a portion of the project emission increase for the facilities authorized by this permit at a ratio of 1.2 to 1.0. **(5/24)**

    B. Prior to the commencement of operation, the permit holder shall obtain approval from the TCEQ EBT Program for the credits being used and then submit a permit alteration or amendment request to the TCEQ Air Permits Division (and copy the TCEQ Regional Office) to identify additional approved credits by TCEQ credit certificate number. **(5/24)**

36. In addition to, or in place of, using credits as described in Special Condition 4, the permit holder may use up to 27.8 tpy of Mass Emission Cap and Trade (MECT) allowances to offset the 23.1 tpy NO_x project emission increase for the following MECT facilities authorized by this permit at a ratio of 1.2 to 1.0:

H-EP2, H-61500/H-61501/H-71500/H-71501	Hot Oil Heater Emissions
H-EP2, H-61500/H-61501/H-71500/H-71501	Hot Oil Heater MSS Emissions
ENG-10	Firewater Pump Engine Emissions

Recordkeeping (5/24)

37. 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, the EPA, or any air pollution control agency with jurisdiction.

    A. A copy of this permit.

    B. Permit application received November 15, 2012, and subsequent representations submitted to the TCEQ.

    C. A complete copy of the testing reports and records of the initial performance testing completed to demonstrate initial compliance.

    D. Stack sampling results or other air emissions testing (other than CEMS data) that may be conducted on units authorized under this permit after the date of issuance of this permit.

    E. A copy of the manufacturer's design and operation specifications and all emission-related maintenance requirements

38. All other records required to be kept by the conditions in this permit shall be maintained by the holder of this permit in a form suitable for inspection for a period of five years after collection and shall be made available upon request to representatives of the TCEQ, the EPA, or any local air pollution control program having jurisdiction.

Additional Requirements

39. The emissions from this site, including those authorized under permit by rule, standard exemption, or standard permit, shall remain below the major source thresholds of 10 tons per year (tpy) of any individual Hazardous Air Pollutant (HAP) and 25 tpy of total HAPs.

Permits by Rule Incorporated by Reference

40. The following sources and/or activities are authorized under a Permit by Rule (PBR) by 30 TAC Chapter 106 and are incorporated by reference. The authorizations remain in effect, and their emissions are not listed on the permit's MAERT. This list is not intended to be all inclusive, and it can be altered without modification to this permit.

Authorization	Source or Activity
PBR 30 TAC § 106.263 (Reg. No.126145, and unregistered; effective November 1, 2001)	Portable Diesel Boiler and Maintenance Flare, Slop Oil Loading
PBR 30 TAC § 106.454 (Unregistered, effective November 1, 2001)	Solvent De-greaser
PBR 30 TAC § 106.472 (Unregistered, effective November 1, 2001)	Storage Tanks (e.g., Inorganic Liquids, Non-Volatile/Non-VOC, Lube Oil, Diesel, Blowdown, Aqueous Salt Solutions, etc.)
PBR 30 TAC § 106.511	Emergency generator engine (ENG-11)

Date: May 3, 2024

Permit 106921 and N270

Attachment A

ROUTINE MAINTENANCE ACTIVITIES

Pump repair/replacement

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

Compressor repair/replacement

Heat exchanger repair/replacement

Vessel repair/replacement

Date: April 25, 2023

Permit 106921 and N270

Attachment B

MSS ACTIVITY SUMMARY

Facilities	Description	Emissions Activity	EPN(s)
all process vessels	process unit depressurize/drain/degas	vent to flare	FL-5600 and FL-51600
all process vessels	Opening	vent to atmosphere	MSS-FUG, MSS-FUG-3, MSS-FUG-E2, and MSS-FUG-5
tanks	Draining/opening	vent to atmosphere	MSS-FUG, MSS-FUG-3, MSS-FUG-E2, and MSS-FUG-5
Heaters	Start up and Shutdown	vent to atmosphere	H-5500, H-5501, H-5502, H-7500, H-7501, H-7502, H-41500, H-41501, H-51500, H-51501, H-EP2, H-61500, H-61501, H-71500, and H-71501
Attachment A	Degas	vent to Flare	FL-5600 and FL-51600
Attachment A	Opening	vent to atmosphere	MSS-FUG, MSS-FUG-3, MSS-FUG-E2, and MSS-FUG-5

Date: May 3, 2024

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 106921 and N270

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)
ENG-01	Control Room Emergency Generator	VOC	0.41	0.02
		NO_x	0.78	0.04
		CO	1.60	0.08
		SO_2	<0.01	<0.01
		PM	0.02	<0.01
		PM_{10}	0.02	<0.01
		$PM_{2.5}$	0.02	<0.01
ENG-02	Flare Blower Emergency Generator	VOC	0.88	0.05
		NO_x	1.70	0.09
		CO	3.30	0.17
		SO_2	<0.01	<0.01
		PM	0.05	<0.01
		PM_{10}	0.05	<0.01
		$PM_{2.5}$	0.05	<0.01
ENG-03	Emergency Air Compressor	VOC	3.70	0.19
		NO_x	3.70	0.19
		CO	3.20	0.16
		SO_2	<0.01	<0.01
		PM	0.19	<0.01
		PM_{10}	0.19	<0.01
		$PM_{2.5}$	0.19	<0.01
ENG-04	Emergency Firewater Pump	VOC	3.60	0.18
		NO_x	3.60	0.18
		CO	3.10	0.16
		SO_2	<0.01	<0.01
		PM	0.18	0.01
		PM_{10}	0.18	0.01
		$PM_{2.5}$	0.18	0.01
ENG-07	Frac-3 & 4 Emergency Air Compressor	VOC	1.40	0.07
		NO_x	2.60	0.13
		CO	5.30	0.27

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		SO_2	<0.01	<0.01
		PM	0.09	<0.01
		PM_{10}	0.09	<0.01
		$PM_{2.5}$	0.09	<0.01
ENG-09	Frac-3 & 4 Flare Blower Emergency Generator	VOC	2.70	0.14
		NO_x	4.90	0.25
		CO	9.90	0.50
		SO_2	<0.01	<0.01
		PM	0.15	0.01
		PM_{10}	0.15	0.01
		$PM_{2.5}$	0.15	0.01
ENG-10	Frac-5 & 6 Emergency Firewater Pump	VOC	3.40	0.17
		NO_x	3.40	0.17
		CO	2.90	0.15
		SO_2	0.01	<0.01
		PM	0.17	0.01
		PM_{10}	0.17	0.01
		$PM_{2.5}$	0.17	0.01
H-5500	Hot Oil Heater H-5500	VOC	0.72	--
		NO_x	1.54	--
		CO	5.76	--
		SO_2	25.26	--
		H_2S	0.07	--
		NH_3	0.71	--
		PM	0.77	--
		PM_{10}	0.77	--
		$PM_{2.5}$	0.77	--
	Heater MSS Emissions	NO_x	7.68	--
		CO	46.10	--

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
H-5501	Hot Oil Heater H-5501	VOC	0.72	--
		NO_x	1.54	--
		CO	5.76	--
		SO_2	25.26	--
		H_2S	0.07	--
		NH_3	0.71	--
		PM	0.77	--
		PM_{10}	0.77	--
		$PM_{2.5}$	0.77	--
	Heater MSS Emissions	NO_x	7.68	--
		CO	46.10	--
H-5502	Hot Oil Heater H-5502	VOC	0.72	--
		NO_x	1.54	--
		CO	5.76	--
		SO_2	25.26	--
		H_2S	0.07	--
		NH_3	0.71	--
		PM	0.77	--
		PM_{10}	0.77	--
		$PM_{2.5}$	0.77	--
	Heater MSS Emissions	NO_x	7.68	--
		CO	46.10	--
H-7500	Hot Oil Heater H-7500	VOC	0.72	--
		NO_x	1.54	--
		CO	5.76	--
		SO_2	25.26	--
		H_2S	0.07	--
		NH_3	0.71	--
		PM	0.77	--
		PM_{10}	0.77	--
		$PM_{2.5}$	0.77	--
	Heater MSS Emissions	NO_x	7.68	--
		CO	46.10	--
H-7501	Hot Oil Heater H-7501	VOC	0.72	--

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		NO_x	1.54	--
		CO	5.76	--
		SO_2	25.26	--
		H_2S	0.07	--
		NH_3	0.71	--
		PM	0.77	--
		PM_{10}	0.77	--
		$PM_{2.5}$	0.77	--
	Heater MSS Emissions	NO_x	7.68	--
		CO	46.10	--
H-7502	Hot Oil Heater H-7502	VOC	0.72	--
		NO_x	1.54	--
		CO	5.76	--
		SO_2	25.26	--
		H_2S	0.07	--
		NH_3	0.71	--
		PM	0.77	--
		PM_{10}	0.77	--
		$PM_{2.5}$	0.77	--
	Heater MSS Emissions	NO_x	7.68	--
		CO	46.10	--
H-5500/ H-5501/ H-5502/ H-7500/ H-7501/ H-7502	Hot Oil Heater Cap (6)	VOC	--	8.82
		NO_x	--	35.13
		CO	--	35.07
		SO_2	--	74.01
		H_2S	--	0.29
		NH_3	--	11.25
		PM	--	17.55
		PM_{10}	--	17.55
		$PM_{2.5}$	--	17.55
	Heater MSS Emissions (6)	NO_x	--	0.74
		CO	--	4.42

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
H-41500	Hot Oil Heater H-41500	VOC	2.24	--
		NO_x	1.92	--
		CO	7.20	--
		SO_2	13.73	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_x	9.60	--
		CO	57.60	--
H-41501	Hot Oil Heater H-41501	VOC	2.24	--
		NO_X	1.92	--
		CO	7.20	--
		SO_2	13.73	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_X	9.60	--
		CO	57.60	--
H-51500	Hot Oil Heater H-51500	VOC	2.24	--
		NO_X	1.92	--
		CO	7.20	--
		SO_2	13.73	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_X	9.60	--
		CO	57.60	--
H-51501	Hot Oil Heater H-51501	VOC	2.24	--

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		NO_X	1.92	--
		CO	7.20	--
		SO_2	13.73	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_X	9.60	--
		CO	57.60	--
H-41500/ H-41501/ H-51500/ H-51501	Hot Oil Heater Cap (7)	VOC	--	13.37
		NO_X	--	18.28
		CO	--	30.48
		SO_2	--	57.24
		H_2S	--	0.28
		NH_3	--	10.76
		PM	--	15.24
		PM_{10}	--	15.24
		$PM_{2.5}$	--	15.24
	Hot Oil Heater MSS Emissions (7)	NO_X	--	0.56
		CO	--	3.34
H-EP2	Hot Oil Heater H-EP2	VOC	0.30	1.31
		NO_X	1.50	3.94
		CO	5.63	6.57
		SO_2	0.26	1.13
		NH_3	0.69	2.10
		PM	0.75	3.29
		PM_{10}	0.75	3.29
		$PM_{2.5}$	0.75	3.29
	Heater MSS Emissions	NO_X	7.50	0.12
		CO	45.00	0.72

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
H-61500	Hot Oil Heater H-61500	VOC	2.47	--
		NO_X	1.92	--
		CO	7.20	--
		SO_2	51.21	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_X	9.60	--
		CO	57.60	--
H-61501	Hot Oil Heater H-61501	VOC	2.47	--
		NO_X	1.92	--
		CO	7.20	--
		SO_2	51.21	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_X	9.60	--
		CO	57.60	--
H-71500	Hot Oil Heater H-71500	VOC	2.47	--
		NO_X	1.92	--
		CO	7.20	--
		SO_2	51.21	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_X	9.60	--
		CO	57.60	--
H-71501	Hot Oil Heater H-71501	VOC	2.47	--

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		NO_X	1.92	--
		CO	7.20	--
		SO_2	51.21	--
		H_2S	0.07	--
		NH_3	0.88	--
		PM	0.96	--
		PM_{10}	0.96	--
		$PM_{2.5}$	0.96	--
	Heater MSS Emissions	NO_X	9.60	--
		CO	57.60	--
H-61500/ H-61501/ H-71500/ H-71501	Hot Oil Heater Cap (9)	VOC	--	14.33
		NO_X	--	18.29
		CO	--	30.48
		SO_2	--	100.20
		H_2S	--	0.28
		NH_3	--	9.76
		PM	--	15.24
		PM_{10}	--	15.24
		$PM_{2.5}$	--	15.24
	Hot Oil Heater MSS Emissions (9)	NO_X	--	0.56
		CO	--	3.34
FL-5600	Flare	VOC	0.02	0.11
		NO_X	0.61	2.70
		CO	2.40	11.00
		SO_2	<0.01	0.02
FL-51600	Flare	VOC	0.02	0.11
		NOx	0.61	2.70
		CO	2.40	11.00
		SO2	<0.01	0.02
CT-5601	Cooling Tower CT-5601	VOC	2.52	3.15
		PM	1.50	6.57
		PM_{10}	0.60	2.63
		$PM_{2.5}$	0.15	0.66
CT-7601	Cooling Tower CT-7601	VOC	2.53	4.71

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		PM	1.50	6.57
		PM_{10}	0.60	2.63
		$PM_{2.5}$	0.15	0.66
CT-41601	Cooling Tower CT-41601	VOC	3.01	3.15
		PM	1.80	6.58
		PM_{10}	0.72	2.63
		$PM_{2.5}$	0.18	0.66
CT-51601	Cooling Tower CT-51601	VOC	3.70	4.05
		PM	2.20	8.44
		PM_{10}	0.88	3.38
		$PM_{2.5}$	0.22	0.84
CT-EP2	Cooling Tower CT-EP2	VOC	4.49	8.44
		PM	2.68	11.73
		PM_{10}	1.07	4.69
		$PM_{2.5}$	0.27	1.17
CT-61601	Cooling Tower CT-61601	VOC	3.73	6.95
		PM	2.20	9.64
		PM_{10}	0.88	3.86
		$PM_{2.5}$	0.22	0.96
CT-71601	Cooling Tower CT-71601	VOC	3.73	6.95
		PM	2.20	9.64
		PM_{10}	0.88	3.86
		$PM_{2.5}$	0.22	0.96
T-2421	Spent Caustic Tank T-2421	VOC	0.99	0.01
		H_2S	<0.01	<0.001
T-3421	Spent Caustic Tank T-3421	VOC	0.99	0.01
		H_2S	<0.01	<0.001
T-5631	Wastewater Tank T-5631	VOC	1.69	0.02
T-7631	Wastewater Tank T-7631	VOC	1.69	0.02
CAS-2421	Controlled Emissions from Spent Caustic Tank (EPN T-2421)	VOC	0.05	<0.01
CAS-3421	Controlled Emissions from Spent Caustic Tank (EPN T-3421)	VOC	0.05	<0.01
LOAD-2421	Spent Caustic Loading (T-2421)	VOC	0.09	<0.01
LOAD-5631	Wastewater Loading (T-5631)	VOC	0.09	<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)
LOAD-3421	Spent Caustic Loading (T-3421)	VOC	0.09	<0.01
LOAD-7631	Wastewater Loading (T-7631)	VOC	0.09	<0.01
LOAD-SC-3	Spent Caustic Loading (Frac-4,-5,&-6)	VOC	0.09	<0.01
LOAD-C3-3	Pressurized Loading (Frac-3 & 4 Contribution)	VOC	0.47	<0.01
LOAD-C3	Pressurized Loading (EP-2, Frac-5 & 6 Contribution)	VOC	0.47	<0.01
FUG-01	EPS and Frac-1 Equipment Leak Fugitives (5)	VOC	2.25	9.85
		H_2S	<0.01	0.02
		NH_3	0.02	0.10
FUG-02	Frac-2 Equipment Leak Fugitives (5)	VOC	1.29	5.64
		H_2S	<0.01	0.01
FUG-03	Frac-3 Equipment Leak Fugitives (5)	VOC	0.97	4.24
		H_2S	<0.01	0.02
FUG-04	Frac-4 Equipment Leak Fugitives (5)	VOC	1.53	6.69
		H_2S	0.01	0.02
		NH_3	0.02	0.10
FUG-EP2	EP-2 Equipment Leak Fugitives (5)	VOC	0.24	1.03
		NH_3	0.02	0.10
FUG-05	Frac-5 Equipment Leak Fugitives (5)	VOC	1.22	5.35
		H_2S	0.01	0.02
		NH_3	0.02	0.10
FUG-06	Frac-6 Equipment Leak Fugitives (5)	VOC	1.22	5.32
		H_2S	0.01	0.02
		NH_3	0.02	0.10
MSS FL-5600/FL-51600	MSS Flaring Cap (8)	VOC	620.88	12.79
		NO_x	246.65	5.52
		CO	1531.80	34.60
		SO_2	0.25	0.03
		H_2S	<0.01	<0.001
MSS FL-5600/FL-51600	MSS Flaring Cap (EP-2 Contribution) (8)	VOC	76.88	1.85
		NO_x	69.46	1.67
		CO	406.00	9.75
MSS FL-5600/FL-51600	MSS Flaring Cap (Frac-5 & 6 Contribution) (8)	VOC	384.00	9.24
		NO_x	175.00	4.20

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		CO	1079.00	25.91
		SO_2	0.19	<0.01
		H_2S	<0.01	<0.01
MSS-FUG	MSS Degassing	VOC	176.80	3.43
		NH_3	0.47	<0.01
MSS-FUG-E2	MSS De-gassing (EP-2 Contribution)	VOC	14.50	0.57
		NH_3	0.10	<0.01
MSS-FUG-3	MSS De-gassing (Frac-3 & 4 Contribution)	VOC	169.00	1.44
		NH_3	0.07	<0.01
		H_2S	<0.01	<0.001
MSS-FUG-5	MSS De-gassing (Frac-5 & 6 Contribution)	VOC	149.00	1.36
		NH_3	0.07	<0.01
		H_2S	<0.01	<0.01
All Sources at the Site	All Sources at the Site	Individual HAP	-	<10
All Sources at the Site	All Sources at the Site	Total HAPs	-	<25

(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
H_2S - Hydrogen Sulfide
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
NH_3 - ammonia
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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) Annual Emissions represent combined annual emissions from heaters H-5500, H-5501, H-5502, H-7500, H-7501, and H-7502.
(7) Annual Emissions represent combined annual emissions from heaters H-41500, H-41501, H-51500, and H-51501.
(8) Emissions represent total combined emission rates from EPNs FL-5600 and FL-51600.
(9) Annual Emissions represent combined annual emissions from heaters H-61500, H-61501, H-71500, and H-71501.

Date: May 3, 2024