FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
INV Nylon Chemicals Americas, LLC

AUTHORIZING THE OPERATION OF
Victoria Site
Adiponitrile Unit and HMD/BIO/OLA
All Other Basic Organic Chemical Manufacturing

LOCATED AT
Victoria County, Texas
Latitude 28° 40′ 41″ Longitude 96° 57′ 17″
Regulated Entity Number: RN102663671

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: O1904 Issuance Date: June 15, 2022

For the Commission

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General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(ii) Title 30 TAC § 111.111(a)(1)(E)

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

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

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

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

(3) Records of all observations shall be maintained.

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

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

(5) Compliance Certification:

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

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

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

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

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

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

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

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

(2) Records of all observations shall be maintained.

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

(4) Compliance Certification:

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

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

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

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

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

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

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

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

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

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

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

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

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

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

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

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

4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with 40 CFR Part 63, Subpart G as specified in 30 TAC § 115.143(c)(1) - (3).

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

A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 100,000 gallons of gasoline in any calendar month after October 31, 2014, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

(i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)

(iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

8. For facilities where total annual benzene quantity from waste is greater than or equal to 1 megagram per year and less than 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

A. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(4)(i) - (ii), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures

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

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

D. Title 40 CFR § 61.357(a), and (c) (relating to 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 the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).

11. For the chemical manufacturing facilities subject to provisions in 40 CFR Parts 260 - 272, the permit holder shall comply with the following requirements:

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

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

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

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

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

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

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

14. For the transfer of Group 1 wastewater streams or residuals from Group 1 wastewater streams the permit holder shall comply with the following requirements:

    A. Title 40 CFR § 63.132(g) (relating to Process Wastewater Provisions - General)

    B. Title 40 CFR § 63.152(b)(5) and (c)(4)(iv) (relating to General Reporting and Continuous Records)

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

    A. General Leak Detection Requirements:

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

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

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

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

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

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

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

    C. For facilities not operating flow indicators:

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

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

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

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

A. Title 40 CFR § 63.126(e)(1) - (2), and (f) (relating to Transfer Operations Provisions Reference Control Technology)

B. Title 40 CFR § 63.128(f)(1) - (2) (relating to Transfer Operations Provisions - Test Methods and Procedures)

C. Title 40 CFR § 63.130(e) (relating to Transfer Operations Provisions - Periodic Recordkeeping and Reporting)

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

A. Title 40 CFR § 63.135(a) - (f) (relating to Process Wastewater Provisions - Containers)

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

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

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

18. For the Off-Site Waste and Recovery Operations specified in 40 CFR Part 63, Subpart DD, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.350 incorporated by reference):

A. Requirements specified with reference to 40 CFR Part 63, Subpart A:

(i) Title 40 CFR § 63.680(f) for applicability of the General Provisions of Subpart A

(ii) Title 40 CFR § 63.696(a) (relating to Recordkeeping Requirements)

(iii) Title 40 CFR § 63.697(a) (relating to Reporting Requirements)

19. For the Off-Site Waste and Recovery Operations specified in 40 CFR Part 63, Subpart DD, for off-site materials determined to have an average volatile organic hazardous air pollutant (VOHAP) concentration less than 500 parts per million by weight (ppmw) at the point of delivery that are not combined with off-site materials having a VOHAP concentration of 500 ppmw or greater, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.350 incorporated by reference):

A. Title 40 CFR § 63.683(b)(1)(iii) (relating to Standards: General)

B. Title 40 CFR § 63.694(b)(3) (relating to Testing Methods and Procedures)

20. For containers using controls specified in 40 CFR Part 63, Subpart PP, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.470 incorporated by reference):

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

B. Title 40 CFR § 63.923(b)(1) - (3), (c), (d), (d)(1) - (5), (e), and (f), (f)(1) - (4) (relating to Standards - Container Level 2 Controls)

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

D. Title 40 CFR § 63.925(a)(1) - (8), and (b)(1) - (3) (relating to Test Methods and Procedures)

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

F. Title 40 CFR § 63.926(b) (relating to Inspection and Monitoring Requirements)

G. Title 40 CFR § 63.927(a)(1) - (2) (relating to Recordkeeping Requirements)

H. Title 40 CFR § 63.928(a) (relating to Reporting Requirements)

21. For the individual drain systems specified in 40 CFR Part 63, Subpart RR, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.490 incorporated by reference):

A. Title 40 CFR § 63.962(a), (a)(1), (a)(2), (a)(3)(i) - (ii), (b)(1), (b)(2), (b)(2)(i)(A) - (B), (b)(2)(ii), (b)(3)(i), (b)(3)(ii)(A), (b)(3)(ii)(B)(1) - (3), (b)(4), and (b)(5)(i) - (iii) (relating to Standards)

B. Title 40 CFR § 63.964(a)(1)(i)(A) - (B), (a)(1)(ii) - (iv), (a)(2), (b)(1) - (2) (relating to Inspection and Monitoring Requirements)

C. Title 40 CFR § 63.965(a), (a)(1) - (3), (b) (relating to Recordkeeping Requirements)

D. Title 40 CFR § 63.966 (relating to Reporting Requirements)

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

23. For site remediation projects subject to 40 CFR Part 63, Subpart GGGGG that will remove remediation material containing less than 1 megagram per year of the HAP listed in Table 1 to Subpart GGGGG, the permit holder shall comply with 40 CFR § 63.7881(c)(1) - (3) (Title 30 TAC Chapter 113, Subchapter C, § 113.1160 incorporated by reference).

24. 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

25. 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 either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring

indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:

(i) Install a flow indicator that is capable of recording 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

(ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.

G. 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.

26. 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

27. 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 December 21, 2023 in the application for project 36152), 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

28. 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.

29. 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).

Compliance Requirements

30. 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.

31. 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

32. 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

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

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

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

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

Alternative Requirements

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

Permit Location

35. 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)

36. 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

Alternative Requirement

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
04CWA035	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63FFFF-6	40 CFR Part 63, Subpart FFFF	No changing attributes.
04DIS501	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04DIS501	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04DIS501	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
04DIS506	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-3	40 CFR Part 63, Subpart FFFF	No changing attributes.
04DIS510	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04DIS510	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04DIS510	DISTILLATION OPERATIONS	N/A	60NNN-2	40 CFR Part 60, Subpart NNN	No changing attributes.
04DIS510	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-2	40 CFR Part 63, Subpart FFFF	No changing attributes.
04DIS550	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04DIS550	EMISSION	N/A	63FFFF-3	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
	POINTS/STATIONARY VENTS/PROCESS VENTS			FFFF	
04DIS551	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04DIS551	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-2	40 CFR Part 63, Subpart FFFF	No changing attributes.
04DIS552	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04DIS553	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04DPT001PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04FLR032	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04FLR032	FLARES	N/A	60A-1	40 CFR Part 60, Subpart A	No changing attributes.
04FLR032	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
04FUG	FUGITIVE EMISSION UNITS	N/A	63FFFF-2	40 CFR Part 63, Subpart FFFF	No changing attributes.
04LBA006A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04LRC006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
04LRC006	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
04LTR018	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure is less than 1.5 psia., Transfer Type = Loading and unloading.
04LTR018	LOADING/UNLOADING OPERATIONS	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia., Daily Throughput = Loading less than 20,000 gallons per day., Transfer Type = Only loading.
04RSY600	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04SEP001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04SEP001	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-1	30 TAC Chapter 115, Water Separation	No changing attributes.
04TFX026	STORAGE TANKS/VESSELS	N/A	60KB-3	40 CFR Part 60, Subpart Kb	No changing attributes.
04TFX031	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04TFX506	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
04TFX508	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04VNT007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04VNT007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04VNT009	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg)., VOC Concentration = VOC concentration is greater than or equal to 30,000 ppmv., Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
04VNT009	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg)., VOC Concentration = VOC concentration is less than 30,000 ppmv.
04VNT013	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
04VNT013	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
08SMP018	EMISSION	N/A	R1111-1	30 TAC Chapter 111, Visible	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Emissions	
08TNK010	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
08TNK010	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
08TNK011	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
08TNK011	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DIS241	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DIS241	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10DIS243	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DIS243	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10DIS244	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10DIS244	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10DIS244	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10DIS244	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10DIS245	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DIS245	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10DIS301	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DIS301	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-Retro	40 CFR Part 63, Subpart G	No changing attributes.
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare 10FLR005
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR003

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR004
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10DSY208	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY208	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10DSY211-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY211-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-Retro	40 CFR Part 63, Subpart G	No changing attributes.
10DSY212-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY212-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-Retro	40 CFR Part 63, Subpart G	No changing attributes.
10DSY215	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY215	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10DSY216	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY216	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10DSY217	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY217	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10DSY230	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY230	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10ENG001	SRIC ENGINES	N/A	60IIII-7	40 CFR Part 60, Subpart IIII	No changing attributes.
10ENG001	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
10ENG002	SRIC ENGINES	N/A	60IIII-8	40 CFR Part 60, Subpart IIII	No changing attributes.
10ENG002	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
10FLR004	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLR004	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	No changing attributes.
10FLR004A	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				Emissions	
10FLR004B	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLR005	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLR005	FLARES	N/A	60A-2	40 CFR Part 60, Subpart A	Flare Assist Type = Non-assisted, Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec), Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5).
10FLR005	FLARES	N/A	60A-3	40 CFR Part 60, Subpart A	Adhering to Heat Content Specifications = Adhering to the requirements in 40 CFR § 60.18(c)(3)(i).
10FLR005	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8)., Flare Assist Type = Non-assisted, Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
10FLR005	FLARES	N/A	63A-3	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR §

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					63.11(b)(6)(i).
10FLR005	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-4	40 CFR Part 63, Subpart G	No changing attributes.
10FLRALT	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLRALT	FLARES	N/A	60A-2	40 CFR Part 60, Subpart A	No changing attributes.
10FLRALT	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	No changing attributes.
10FLRTMP	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLRTMP	FLARES	N/A	60A-2	40 CFR Part 60, Subpart A	No changing attributes.
10FLRTMP	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	No changing attributes.
10FLT064	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-Retro	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLT064	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10FLT065	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-Retro	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLT067	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FUG	FUGITIVE EMISSION UNITS	N/A	60KKK-ALL	40 CFR Part 60, Subpart KKK	No changing attributes.
10FUG	FUGITIVE EMISSION UNITS	N/A	60VVa-1	40 CFR Part 60, Subpart VVa	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10FUG	FUGITIVE EMISSION UNITS	N/A	63H-1	40 CFR Part 63, Subpart H	No changing attributes.
10FUG	FUGITIVE EMISSION UNITS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10FUG2	FUGITIVE EMISSION UNITS	N/A	60VVa-1	40 CFR Part 60, Subpart VVa	No changing attributes.
10FUG2	FUGITIVE EMISSION UNITS	N/A	63H-1	40 CFR Part 63, Subpart H	No changing attributes.
10LRC041D	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	Current operations.
10LRC041D	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	Operations upon completion of modification project.
10LRC060	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	Current operations.
10LRC060	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	Operations upon completion of modification project.
10LTR056A	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056A	LOADING/UNLOADING OPERATIONS	N/A	61BB-1	40 CFR Part 61, Subpart BB	No changing attributes.
10LTR056A	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR056B	LOADING/UNLOADING OPERATIONS	N/A	R5211-5	30 TAC Chapter 115, Loading and Unloading of	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				VOC	
10LTR056B	LOADING/UNLOADING OPERATIONS	N/A	61BB-1	40 CFR Part 61, Subpart BB	No changing attributes.
10LTR056B	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR056C	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056C	LOADING/UNLOADING OPERATIONS	N/A	63G-7	40 CFR Part 63, Subpart G	No changing attributes.
10LTR056E2	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056F2	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056G	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056H	LOADING/UNLOADING OPERATIONS	N/A	R5212b-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056J	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056K	LOADING/UNLOADING OPERATIONS	N/A	R5212b-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056L	LOADING/UNLOADING	N/A	R52217-Retro	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	
10LTR061A	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061A	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR061D	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061D	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR061E	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061F	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061G2	LOADING/UNLOADING OPERATIONS	N/A	R5212b-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061G2	LOADING/UNLOADING OPERATIONS	N/A	63G126-Retro	40 CFR Part 63, Subpart G	No changing attributes.
10LTR061L	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061L	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR061P	LOADING/UNLOADING	N/A	R52217-Retro	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	
10LTR061Q	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061R	LOADING/UNLOADING OPERATIONS	N/A	R52217-Retro	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061S	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR072	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR073	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	Transfer Type = Only unloading., Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
10LTR073	LOADING/UNLOADING OPERATIONS	N/A	R5211-8	30 TAC Chapter 115, Loading and Unloading of VOC	Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., Chapter 115 Control Device Type = Vapor control system with a carbon adsorption system., Transfer Type = Only loading., Control Options = Vapor control system that maintains a control efficiency of at least 90%., Vapor Tight = Not all liquid and vapor lines

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
10LTR073	LOADING/UNLOADING OPERATIONS	N/A	63G-9	40 CFR Part 63, Subpart G	No changing attributes.
10LTR087	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare 10FLR005
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-6	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR001
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-7	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR002
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR003
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR004
10MSV260	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-SV260	40 CFR Part 63, Subpart FFFF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare 10FLR005
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-6	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR001
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-7	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR002
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR003
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR004
10MSV261	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-SV261	40 CFR Part 63, Subpart FFFF	No changing attributes.
10NGP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT201A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT201A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10RCT222	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT222	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10RCT223	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT223	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10RCT301	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT301	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-Retro	40 CFR Part 63, Subpart G	No changing attributes.
10RSY201	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY201	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10RSY219-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10RSY219-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10RSY219-3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10RSY219-4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10SEP251	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-2	30 TAC Chapter 115, Water Separation	No changing attributes.
10SEP252	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-1	30 TAC Chapter 115, Water Separation	No changing attributes.
10SMP048	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10TFX006E	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	Current operations.
10TFX006E	STORAGE	N/A	R5112-Retro	30 TAC Chapter 115,	Operations upon completion of

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	modification project.
10TFX006E	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX009	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX009	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX011	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX011	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX011	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX012	STORAGE TANKS/VESSELS	N/A	R5112-Retro	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX012	STORAGE TANKS/VESSELS	N/A	60Kb-Retro	40 CFR Part 60, Subpart Kb	No changing attributes.
10TFX013	STORAGE TANKS/VESSELS	N/A	R5112-Retro	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX013	STORAGE TANKS/VESSELS	N/A	60Kb-Retro	40 CFR Part 60, Subpart Kb	No changing attributes.
10TFX015	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX015A	EMISSION	N/A	R1111-1	30 TAC Chapter 111, Visible	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Emissions	
10TFX015A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX016	STORAGE TANKS/VESSELS	N/A	R5112-Retro	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX016	STORAGE TANKS/VESSELS	N/A	60Kb-Retro	40 CFR Part 60, Subpart Kb	No changing attributes.
10TFX017	STORAGE TANKS/VESSELS	N/A	R5112-Retro	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX017	STORAGE TANKS/VESSELS	N/A	60Kb-Retro	40 CFR Part 60, Subpart Kb	No changing attributes.
10TFX018	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX020	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX020	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX020	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX020A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX020A	EMISSION	N/A	R5121-3	30 TAC Chapter 115, Vent	Current operations.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Gas Controls	
10TFX020A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX021	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX021	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX021B	STORAGE TANKS/VESSELS	N/A	R5112-6	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX021B	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX021C	STORAGE TANKS/VESSELS	N/A	R5112-6	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX021C	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX022	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX022	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX022	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX023	STORAGE	N/A	R5112-Retro	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	
10TFX023	STORAGE TANKS/VESSELS	N/A	60Kb-Retro	40 CFR Part 60, Subpart Kb	No changing attributes.
10TFX025A	STORAGE TANKS/VESSELS	N/A	R5112-Retro	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX025B	STORAGE TANKS/VESSELS	N/A	R5112-Retro	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX026	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX026	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX026	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX026A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX026A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX026A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX035A	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX037	EMISSION POINTS/STATIONARY	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
10TFX037	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX038	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX039	STORAGE TANKS/VESSELS	N/A	63G-15	40 CFR Part 63, Subpart G	No changing attributes.
10TFX043	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX043	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX043	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX044	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX044	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX044	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX047	STORAGE TANKS/VESSELS	N/A	R5112-16	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX047	STORAGE	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				
10TFX053	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX053	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX053	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX067	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX307	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX335	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX335	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX335	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX336	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX336	EMISSION	N/A	R5121-3	30 TAC Chapter 115, Vent	Current operations.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Gas Controls	
10TFX336	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX338	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX338	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX339	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX339	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX340	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX341	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX343	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX343	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	Current operations.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10TFX343	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX344	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX344	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	Current operations.
10TFX344	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	Operations upon completion of modification project.
10TFX345	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX350	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX351	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX380	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX381	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX383	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10TFX384	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX385	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX386	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-Retro	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10VNT001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10VNT002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10VNT003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10VNT003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10WTU237	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10XTR333	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10XTR333	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
11LTR067A1	LOADING/UNLOADING OPERATIONS	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
11LTR067A1	LOADING/UNLOADING OPERATIONS	N/A	63G-Retro	40 CFR Part 63, Subpart G	No changing attributes.
11LTR067A2	LOADING/UNLOADING OPERATIONS	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
11LTR067A2	LOADING/UNLOADING OPERATIONS	N/A	63G-Retro	40 CFR Part 63, Subpart G	No changing attributes.
11LTR067A3	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
11LTR067A3	LOADING/UNLOADING OPERATIONS	N/A	63G-Retro	40 CFR Part 63, Subpart G	No changing attributes.
11LTR078A	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
11PRC063PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
11PRC066	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-2	30 TAC Chapter 115, Water Separation	No changing attributes.
11SEP055A	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-2	30 TAC Chapter 115, Water Separation	No changing attributes.
11SEP055A	VOLATILE ORGANIC COMPOUND WATER	N/A	63YY-1	40 CFR Part 63, Subpart YY	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	SEPARATORS				
11TFX036	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
11TFX047	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
11TFX049	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
11TFX049	STORAGE TANKS/VESSELS	N/A	60Kb-Retro	40 CFR Part 60, Subpart Kb	No changing attributes.
11TFX055	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
11TFX067	STORAGE TANKS/VESSELS	N/A	R5112-5	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
11TFX082	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
11TFX082	STORAGE TANKS/VESSELS	N/A	60KB-1	40 CFR Part 60, Subpart Kb	No changing attributes.
11TFX082	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	63G-4	40 CFR Part 63, Subpart G	No changing attributes.
11TFX083	STORAGE TANKS/VESSELS	N/A	R5112-5	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
11TFX083	STORAGE TANKS/VESSELS	N/A	63G-0002	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart Kb.
11TFX083	STORAGE TANKS/VESSELS	N/A	63G-2	40 CFR Part 63, Subpart G	Process Wastewater = The tank receives, manages, or treats process wastewater streams, Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged., Wastewater Tank Properties = Volume of the wastewater tank is less than 75m^3 and storing liquid with any vapor pressure
11TFXTMP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
13ENG005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
13ENG005	SRIC ENGINES	N/A	60JJJJ-2	40 CFR Part 60, Subpart JJJJ	No changing attributes.
13ENG005	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
13ENG006	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG007	EMISSION POINTS/STATIONARY	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
13ENG007	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG008	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG009	SRIC ENGINES	N/A	60IIII-5	40 CFR Part 60, Subpart IIII	No changing attributes.
13ENG009	SRIC ENGINES	N/A	63ZZZZ-7	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
13ENG00C	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00GA	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00H	SRIC ENGINES	N/A	60IIII-2	40 CFR Part 60, Subpart IIII	No changing attributes.
13ENG00H	SRIC ENGINES	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00J	SRIC ENGINES	N/A	60IIII-2	40 CFR Part 60, Subpart IIII	No changing attributes.
13ENG00J	SRIC ENGINES	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00K	SRIC ENGINES	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00L	SRIC ENGINES	N/A	60IIII-3	40 CFR Part 60, Subpart IIII	No changing attributes.
13ENG00L	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00M	SRIC ENGINES	N/A	60IIII-3	40 CFR Part 60, Subpart IIII	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
13ENG00M	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00N	SRIC ENGINES	N/A	60IIII-4	40 CFR Part 60, Subpart IIII	No changing attributes.
13ENG00N	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00O	SRIC ENGINES	N/A	60IIII-3	40 CFR Part 60, Subpart IIII	No changing attributes.
13ENG00O	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13ENG00P	SRIC ENGINES	N/A	60IIII-3	40 CFR Part 60, Subpart IIII	No changing attributes.
13ENG00P	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
13LTROST	LOADING/UNLOADING OPERATIONS	N/A	R5211-4	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
13TFXOST70	STORAGE TANKS/VESSELS	N/A	R5112-8	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
13TFXOST71	STORAGE TANKS/VESSELS	N/A	R5112-8	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
16DSD001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-4	40 CFR Part 63, Subpart FFFF	No changing attributes.
16ENG012	SRIC ENGINES	N/A	60IIII-6	40 CFR Part 60, Subpart IIII	No changing attributes.
16ENG012	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
16STK001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
16STK001	PROCESS HEATERS/FURNACES	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
16TFX005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
16TFX006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
16TFX521	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
16TFX522	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
16VNT002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
16VNT004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
16VNT004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-5	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP04DIS001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	04DIS502, 04DIS503, 04DIS504, 04DIS505, 04DIS507, 04DIS508	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP04LD002	EMISSION	04LDR020B,	R1111-1	30 TAC Chapter 111, Visible	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS	04LDR022C, 04LDR022D, 04LDR025B, 04LDR028B, 04LDR033D, 04LDR036B, 04LDR037B		Emissions	
GRP04TK002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	04TFX020, 04TFX021, 04TFX023A, 04TFX023B, 04TFX023C, 04TFX023D, 04TFX025, 04TFX034A, 04TFX034B	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP04TK004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	04TFX033A, 04TFX033B, 04TFX033C, 04TFX033D, 04TFX033E	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP04TK005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	04TFX028, 04TFX029, 10TFX035B, 10TFX035C, 10TFX035D	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP08CT002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	08CLT004, 08CLT005	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP08RX003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	08RXN006, 08RXN007, 08RXN008,	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		08RXN009			
GRP08TK001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	08CLF012, 08CLF013, 08TFX001, 08TFX002, 08TFX016	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10DIS01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS039A, 10DSY211, 10DSY212	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS039A, 10DSY211, 10DSY212	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
GRP10DIS04	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS240, 10DIS242	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS04	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS240, 10DIS242	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
GRP10DIS06	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS205, 10DIS218, 10DSY203, 10DSY207	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS06	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS205, 10DIS218, 10DSY203, 10DSY207	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10DIS16	EMISSION	10DSY213,	R5121-3	30 TAC Chapter 115, Vent	Control Device Type = Smokeless

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY214		Gas Controls	flare 10FLR005
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R5121-5	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare 10FLR004
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR003
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10 15BLR004
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRP10FLR01	FLARES	10FLR001, 10FLR002, 10FLR003, 10FLR003A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10FLR01	FLARES	10FLR001, 10FLR002, 10FLR003, 10FLR003A	63A-1	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8)., Flare Assist Type = Non-assisted, Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
GRP10FLR01	FLARES	10FLR001, 10FLR002, 10FLR003,	63A-2	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR §

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		10FLR003A			63.11(b)(6)(i).
GRP10LD003	LOADING/UNLOADING OPERATIONS	10LRC041G, 10LTR074	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRP10LD005	LOADING/UNLOADING OPERATIONS	10LRC041A, 10LRC041B, 10LRC041C, 10LRC041E, 10LTR036, 10LTR061I	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRP10PV001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX019, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX342	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX019, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321,	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		10TFX322, 10TFX323, 10TFX342			
GRP10PV002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX305, 10TFX306	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX305, 10TFX306	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRP10PV003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX300, 10TFX301, 10TFX302,	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353			
GRP10PV004	CLOSED VENT SYSTEM AND CONTROL DEVICE	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	63G-4	40 CFR Part 63, Subpart G	No changing attributes.
GRP10PV005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX033, 10TFX034A, 10TFX034B	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX033, 10TFX034A, 10TFX034B	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10RPF001, 10RPF002	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10RPF001, 10RPF002	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX049A, 10TFX049B, 10TFX049C	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX049A, 10TFX049B, 10TFX049C	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP10RX001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10RCT228, 10RCT229	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10RX001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10RCT228, 10RCT229	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
GRP13CAD	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	13CAD001, 13CAD002	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP13ENG01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	13ENG00B, 13ENG00D, 13ENG00E, 13ENG00F, 13ENG00G	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP13ENG01	SRIC ENGINES	13ENG00B, 13ENG00D, 13ENG00E, 13ENG00F, 13ENG00G	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP13ENG03	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	13ENG001, 13ENG002	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP13ENG03	SRIC ENGINES	13ENG001, 13ENG002	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP13ENG04	SRIC ENGINES	13ENG010, 13ENG011	60JJJJ-1	40 CFR Part 60, Subpart JJJJ	No changing attributes.
GRP13ENG04	SRIC ENGINES	13ENG010, 13ENG011	63ZZZZ-7	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PRO-ADN	CHEMICAL MANUFACTURING	N/A	63F-1	40 CFR Part 63, Subpart F	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PROCESS				

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04CWA035	EU	63FFFF-6	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2490(a)-Table10 § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.2490(a) § 63.2490(b) § 63.2490(c)	For each heat exchange system, as defined in §63.101, comply with the requirements of §63.104 and the requirements referenced therein except as specified in §63.2490.	[G]§ 63.104(b)	[G]§ 63.104(e)(2) [G]§ 63.104(f)(1)	[G]§ 63.104(f)(2)
04DIS501	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
04DIS501	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						basis corrected to 3.0% oxygen for combustion devices).			
04DIS501	EP	63FFFF-1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(2) § 63.997(b)(3) § 63.997(c)(3)	For each Group 1continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(2) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
04DIS506	EP	63FFFF-3	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a)	For each Group 1continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.997(b)(1) § 63.997(c)(3)		§ 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.999(d)(2)
04DIS510	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
04DIS510	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
04DIS510	EP	60NNN-2	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	§ 60.664(g) § 60.664(g)(1) § 60.664(g)(2)		
04DIS510	EP	63FFFF-2	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
04DIS550	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
04DIS550	EP	63FFFF-3	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i)	For each Group 1continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)		§ 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	[G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
04DIS551	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
04DIS551	EP	63FFFF-2	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
04DIS552	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of	[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)
						§115.121(b) of this title.			
04DIS553	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
04DPT001PV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
04FLR032	CD	R1111-1	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
04FLR032	CD	60A-1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.18(c)(6) § 60.18(e)		** See Alternative Requirement		
04FLR032	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i) ** See Alternative Requirement	None	None
04FUG	EU	63FFFF-2	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
04LBA006A	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	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)
04LRC006	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
04LRC006	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
04LTR018	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
04LTR018	EU	R5211-2	VOC	30 TAC Chapter	§ 115.217(b)(3)(A)	Plants, excluding gasoline	§ 115.214(b)(1)(A)	§ 115.216	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, Loading and Unloading of VOC	§ 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	bulk plants, which load less than 20,000 gallons of VOC into transport vessels per day with a true vapor pressure greater than or equal to 1.5 psia is exempt from the division, except as specified.	§ 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	
04RSY600	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
04SEP001	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
04SEP001	EU	R5131-1	VOC	30 TAC Chapter 115, Water	§ 115.137(b)(3)	Any separator which separates materials having	[G]§ 115.135(b) § 115.136(b)(1)	§ 115.136(b)(1) § 115.136(b)(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Separation		a true vapor pressure < 1.5 psia (10.3 kPa) obtained from any equipment is exempt from §115.132(b).	§ 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(4)	
04TFX026	EU	60KB-3	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
04TFX031	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
04TFX506	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and	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)
						therefore no monitoring is required to demonstrate compliance.			
04TFX508	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
04VNT007	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
04VNT007	EP	R5121-4	VOC	30 TAC Chapter	§ 115.127(b)(2)(A)	A vent gas stream having a	[G]§ 115.125	§ 115.126	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Vent Gas Controls	§ 115.127(b)(2)	combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	§ 115.126(2)	§ 115.126(2) § 115.126(4)	
04VNT009	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
04VNT009	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2) § 115.126(3)(B)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B)	None
04VNT013	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from	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)
						this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
04VNT013	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
08SMP018	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is	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)
						required to demonstrate compliance.			
08TNK010	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
08TNK010	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
08TNK011	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that	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)
						are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
08TNK011	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10DIS241	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DIS241	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DIS243	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DIS243	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DIS244	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10DIS244	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at	[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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10DIS244	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DIS244	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(c)(6)
10DIS245	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DIS245	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DIS301	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected	[G]§ 115.125 § 115.126(1) § 115.126(1)(C)	§ 115.126 § 115.126(1) § 115.126(1)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(2) ** See Periodic Monitoring Summary	§ 115.126(2)	
10DIS301	EP	63G-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 60.662(b) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY206	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31,	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)
						1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10DSY206	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY206	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY206	EP	R5121-9	VOC	30 TAC Chapter	§ 115.122(b)	For all persons in Nueces	[G]§ 115.125	§ 115.126	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Vent Gas Controls	§ 115.121(b) § 115.122(b)(3)	and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126(1) § 115.126(1)(C) § 115.126(2)	
10DSY206	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10DSY208	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY208	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY211-2	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY211-2	EP	63G-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 60.662(b) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY212-2	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY212-2	EP	63G-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 60.662(b) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY215	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY215	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY216	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY216	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY217	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(b) § 115.121(b)	For all persons in Nueces and Victoria Counties, any	[G]§ 115.125 § 115.126(1)	§ 115.126 § 115.126(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.122(b)(2)	vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126(1)(C) § 115.126(2)	
10DSY217	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY230	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Summary		
10DSY230	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10ENG001	EU	60IIII-7	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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	§ 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)
						a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
10ENG001	EU	60IIII-7	NMHC and NO_x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
10ENG001	EU	60IIII-7	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
10ENG001	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1)	An affected source which meets either of the criteria in paragraphs	None	None	§ 63.6645(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	§63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).			
10ENG002	EU	60IIII-8	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) § 60.4218	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.	None	None	[G]§ 60.4214(d)
10ENG002	EU	60IIII-8	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) § 60.4218	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.	None	None	[G]§ 60.4214(d)
10ENG002	EU	60IIII-8	Total	40 CFR Part 60,	§ 60.4205(b)	Owners and operators of	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)
			Hydrocarbons/NO_x	Subpart IIII	§ 1042-Appendix I § 60.4202(e)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	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 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.			
10ENG002	EU	63ZZZZ-1	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
10FLR004	EU	R1111-1	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FLR004	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
10FLR004A	EU	R1111-1	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
10FLR004B	EU	R1111-1	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
10FLR005	EU	R1111-1	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
10FLR005	CD	60A-2	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii)	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)	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)(4)(i) § 60.18(c)(6) § 60.18(e)		§ 60.18(f)(4) ** See Alternative Requirement		
10FLR005	CD	60A-3	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(i)(A) § 60.18(c)(3)(i)(B) § 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)(4) ** See Alternative Requirement	None	None
10FLR005	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i) ** See Alternative Requirement	None	None
10FLR005	CD	63A-3	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(i)(A) § 63.11(b)(6)(i)(B) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i) ** See Alternative Requirement	None	None
10FLR005	EU	63G-4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.11 § 63.139(b) § 63.139(c)(3) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.145(j)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(3) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(g) § 63.145(a)(3) [G]§ 63.145(a)(4) [G]§ 63.145(j)	§ 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.147(d)(1) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) [G]§ 63.146(b)(7)(i) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.148(d) § 63.148(e)		§ 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10FLRALT	CD	R1111-1	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
10FLRALT	CD	60A-2	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
10FLRALT	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.11(b)(7)(i)	Method 22 in App. A of part 60 of this chapter shall be used.			
10FLRTMP	CD	R1111-1	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
10FLRTMP	CD	60A-2	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
10FLRTMP	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
10FLT064	EP	R1111-Retro	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
10FLT064	EP	R5121-	VOC	30 TAC Chapter	§ 115.127(b)(2)(A)	A vent gas stream having a	[G]§ 115.125	§ 115.126	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		Retro		115, Vent Gas Controls	§ 115.127(b)(2)	combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	§ 115.126(2) § 115.126(3)(B)	§ 115.126(2) § 115.126(3) § 115.126(3)(B)	
10FLT065	EP	R1111-Retro	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
10FLT067	EP	R1111-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
10FUG	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)	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(e) § 60.482-9(f) § 60.486(k)				
10FUG	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)
10FUG	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)
10FUG	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 pumps in heavy liquid service as	§ 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) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k)	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)
10FUG	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)
10FUG	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	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)
10FUG	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)
10FUG	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
10FUG	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
10FUG	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)	None	[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)
						and §60.482-2 to §60.482-10, except as provided in §60.633 or §60.482-1(d).		§ 60.486(e)(5) § 60.486(j)	§ 60.487(e) § 60.636(b) [G]§ 60.636(c)
10FUG	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)
10FUG	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)	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(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k)				
10FUG	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)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175	Owners or operators may choose to comply with the provisions of 40 CFR Part 63, Subpart H, to satisfy the requirements of §§60.482-1a through 60.487a for an affected facility. When choosing to comply with 40 CFR Part 63, Subpart H, the requirements of §60.485a(d), (e), and (f), and §60.486a(i) and (j) still apply.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 60.486a(i) § 60.486a(i)(1) § 60.486a(i)(2) § 60.486a(i)(3) [G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a)	Standards: Agitators in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b)	§ 63.181(a) [G]§ 63.181(b)	[G]§ 63.182(a) [G]§ 63.182(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	§63.169(a)-(d)	[G]§ 63.180(d)	§ 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	§ 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c)	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176		[G]§ 63.180(d)	[G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h)	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171				
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h)	Owners or operators may choose to comply with the provisions of 40 CFR Part 63, Subpart H, to satisfy the requirements of §§60.482-1a through 60.487a for an affected facility. When choosing to comply with 40 CFR Part 63, Subpart H, the requirements of §60.485a(d), (e), and (f), and §60.486a(i) and (j) still apply.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 60.486a(i) § 60.486a(i)(1) § 60.486a(i)(2) § 60.486a(i)(3) [G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.168 [G]§ 63.171 [G]§ 63.175			§ 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9)	
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c)	Standards: Agitators gas/vapor service and in light liquid service.	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	§63.173(a)-(j).		[G]§ 63.181(d)	[G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g)	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.162(h) [G]§ 63.171				[G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10LRC041D	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LRC041D	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is	§ 115.214(b)(1)(A) § 115.214(b)(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)
						exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.			
10LRC060	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LRC060	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056A	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056A	EU	61BB-1	Benzene	40 CFR Part 61, Subpart BB	§ 61.300(d)	Any affected facility as per § 61.300(a), whose annual	None	[G]§ 61.305(i)	[G]§ 61.305(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)
						benzene loading is < 1.3 million liters of 70 weight-percent or more benzene is exempt from this subpart, except for § 61.305(i).			
10LTR056A	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR056B	EU	R5211-5	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9) § 115.216(1)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
10LTR056B	EU	61BB-1	Benzene	40 CFR Part 61, Subpart BB	§ 61.300(d)	Any affected facility as per § 61.300(a), whose annual benzene loading is < 1.3 million liters of 70 weight-percent or more benzene is exempt from this subpart, except for § 61.305(i).	None	[G]§ 61.305(i)	[G]§ 61.305(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)
10LTR056B	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR056C	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(a) § 115.910	Alternate methods of demonstrating compliance with the applicable control requirements or exemption criteria may be approved by the executive director in accordance with §115.910 if the emission reductions are demonstrated to be equivalent.	§ 115.213(a)	§ 115.213(a)	None
10LTR056C	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056C	EU	63G-7	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR056E2	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is	§ 115.214(b)(1)(A) § 115.214(b)(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)
						exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.			
10LTR056F2	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056G	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056H	EU	R5212b-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.212(b)(3)(B)[G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9) § 115.216(1)		
10LTR056J	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii)	None
10LTR056K	EU	R5212b-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9) § 115.216(1)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
10LTR056L	EU	R52217-	VOC	30 TAC Chapter	§ 115.217(b)(2)	All land-based loading and	§ 115.214(b)(1)(A)	§ 115.216	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)
		Retro		115, Loading and Unloading of VOC	§ 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216(2) § 115.216(3)(B)	
10LTR061A	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9) § 115.216(1)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
10LTR061A	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(a) § 63.11 § 63.126(a)(1) § 63.126(a)(2) § 63.126(a)(3) [G]§ 63.126(b)(2) [G]§ 63.126(d)(3) § 63.126(f) § 63.126(g)	For Group 1 transfer racks shall operate a vapor collection system and control device for organic HAPs.	[G]§ 63.126(d)(3) § 63.127(a) § 63.127(a)(2) § 63.127(e) [G]§ 63.128(b) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2)	§ 63.129(a)(1) [G]§ 63.129(a)(5) § 63.130(a)(1) § 63.130(a)(2)(i) § 63.130(c) § 63.130(e) § 63.130(f) § 63.130(f)(1) § 63.130(f)(2)	§ 63.129(a)(2) § 63.129(a)(3) [G]§ 63.129(a)(5) § 63.130(d)(1) § 63.130(d)(2) § 63.130(d)(5) § 63.148(j) [G]§ 63.151(b) [G]§ 63.151(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.126(h) [G]§ 63.148(d) § 63.148(e)		§ 63.148(h) § 63.148(h)(2) § 63.152(g)(1)(i) [G]§ 63.152(g)(1)(ii) § 63.152(g)(1)(iii) § 63.152(g)(1)(iv) [G]§ 63.152(g)(1)(v)	§ 63.130(f)(3) § 63.130(f)(3)(ii) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f) § 63.152(g)(1) § 63.152(g)(1)(i) [G]§ 63.152(g)(1)(ii) § 63.152(g)(1)(iii) § 63.152(g)(1)(iv) [G]§ 63.152(g)(1)(v) [G]§ 63.152(g)(1)(vi) § 63.152(g)(2) § 63.152(g)(2)(i) § 63.152(g)(2)(ii) § 63.152(g)(2)(iii)	[G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(g)(1) § 63.152(g)(2)(i) § 63.152(g)(2)(ii)
10LTR061D	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 115.215(8) § 115.215(9) § 115.216(1)		
10LTR061D	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR061E	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR061F	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii)	None
10LTR061G2	EU	R5212b-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B)	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii)	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)
					§ 115.214(b)(1)(C) § 60.18	one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9) § 115.216(1)	§ 115.216(3)(B)	
10LTR061G2	EU	63G126-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR061L	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR061L	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR061P	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B)	All land-based loading and unloading of VOC with a true vapor pressure less	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 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)
				VOC	§ 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.215 § 115.215(4)		
10LTR061Q	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR061R	EU	R52217-Retro	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR061S	EU	R5211-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(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)
10LTR072	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR073	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii)	None
10LTR073	EU	R5211-8	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9)	§ 115.216 § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(iii) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(iii)		
10LTR073	EU	63G-9	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR087	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10MSV260	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate	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)
						compliance.			
10MSV260	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV260	EP	R5121-6	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV260	EP	R5121-7	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10MSV260	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV260	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV260	EP	63FFFF-SV260	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.11(b) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) [G]§ 63.1257(d)(2)(i) [G]§ 63.1257(d)(2)(ii) § 63.2460(b)(1) § 63.2460(b)(2) § 63.2460(b)(3) [G]§ 63.2460(b)(4) § 63.2460(b)(7) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(b)(6)(i) § 63.2460(b)(7) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(b)(6) § 63.2460(b)(6)(i) § 63.2460(b)(6)(ii) § 63.2460(b)(7) § 63.2460(c)(3)(i) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.987(a) § 63.997(b)(1) § 63.997(c)(3)		§ 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	[G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
10MSV261	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate	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)
						compliance.			
10MSV261	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	EP	R5121-6	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	EP	R5121-7	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10MSV261	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	EP	63FFFF-SV261	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.11(b) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) [G]§ 63.1257(d)(2)(i) [G]§ 63.1257(d)(2)(ii) § 63.2460(b)(1) § 63.2460(b)(2) § 63.2460(b)(3) [G]§ 63.2460(b)(4) § 63.2460(b)(7) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(b)(6)(i) § 63.2460(b)(7) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(b)(6) § 63.2460(b)(6)(i) § 63.2460(b)(6)(ii) § 63.2460(b)(7) § 63.2460(c)(3)(i) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.987(a) § 63.997(b)(1) § 63.997(c)(3)		§ 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	[G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
10NGP	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RCT201A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Summary		
10RCT201A	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RCT222	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						devices).			
10RCT222	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RCT223	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RCT223	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								[G]§ 63.152(f)	[G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RCT301	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RCT301	EP	63G-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 60.702(b) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RSY201	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RSY201	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RSY219-1	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RSY219-1	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10RSY219-2	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more	[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

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10RSY219-2	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10RSY219-3	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RSY219-3	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10RSY219-4	EP	R5121-2	VOC	30 TAC Chapter	§ 115.122(b)	For all persons in Nueces	[G]§ 115.125	§ 115.126	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Vent Gas Controls	§ 115.121(b) § 115.122(b)(2)	and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126(1) § 115.126(1)(C) § 115.126(2)	
10RSY219-4	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10SEP251	EU	R5131-2	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(b)(3)	Any separator which separates materials having a true vapor pressure < 1.5 psia (10.3 kPa) obtained from any equipment is exempt from §115.132(b).	[G]§ 115.135(b) § 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	None
10SEP252	EU	R5131-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(3) § 115.131(b)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title.	[G]§ 115.135(b) § 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	None
10SMP048	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation,	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and	The permit holder shall comply with the applicable recordkeeping	The permit holder shall comply with the applicable reporting requirements of 40 CFR

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY		testing requirements of 40 CFR Part 63, Subpart YY	requirements of 40 CFR Part 63, Subpart YY	Part 63, Subpart YY
10TFX006E	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX006E	EU	R5112-Retro	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX006E	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10TFX009	EU	R5112-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX009	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
10TFX011	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	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)
10TFX011	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX011	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX011	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX012	EU	R5112-Retro	VOC	30 TAC Chapter 115, Storage of	§ 115.112(b)(1) § 115.116(b)(2)	Tanks shall not store VOC unless the required	[G]§ 115.117 ** See Periodic	§ 115.118(b)(4) § 115.118(b)(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	§ 60.18	pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	Monitoring Summary		
10TFX012	EU	60Kb-Retro	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
10TFX013	EU	R5112-Retro	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX013	EU	60Kb-Retro	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
10TFX015	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Summary		
10TFX015	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX015A	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	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)
10TFX015A	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX016	EU	R5112-Retro	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX016	EU	60Kb-Retro	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
10TFX017	EU	R5112-Retro	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX017	EU	60Kb-	VOC	40 CFR Part 60,	[G]§ 60.112b(a)(3)	Storage vessels specified in	§ 60.113b(d)	§ 60.115b	§ 60.115b

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		Retro		Subpart Kb	§ 60.18	§60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b(d)(1) § 60.115b(d)(3)
10TFX018	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX018	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX020	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on	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)
						which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX020	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX020	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						devices).			
10TFX020A	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10TFX020A	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX020A	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Monitoring Summary		
10TFX020A	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX021	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate	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)
						compliance.			
10TFX021	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX021B	EU	R5112-6	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX021B	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10TFX021C	EU	R5112-6	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX021C	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10TFX022	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31,	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)
						1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX022	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX022	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX023	EU	R5112-	VOC	30 TAC Chapter	§ 115.112(b)(1)	Tanks shall not store VOC	[G]§ 115.117	§ 115.118(b)(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)
		Retro		115, Storage of VOCs	§ 115.116(b)(2) § 60.18	unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	** See Periodic Monitoring Summary	§ 115.118(b)(5)	
10TFX023	EU	60Kb-Retro	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
10TFX025A	EU	R5112-Retro	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX025B	EU	R5112-Retro	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX026	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from	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)
						this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX026	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX026	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX026A	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not	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)
				Emissions		exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX026A	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX026A	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10TFX035A	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
10TFX037	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10TFX037	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10TFX038	EU	63G-1	112(B)	40 CFR Part 63,	§ 63.119(a)(3)	Group 2 tanks not using	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart G		emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.			
10TFX039	EU	63G-15	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
10TFX043	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate	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)
						compliance.			
10TFX043	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX043	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX043	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10TFX044	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10TFX044	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX044	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Summary		
10TFX044	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX047	EU	R5112-16	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX047	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
10TFX053	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on	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)
						which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX053	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX053	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						devices).			
10TFX067	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10TFX307	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX335	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and	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)
						therefore no monitoring is required to demonstrate compliance.			
10TFX335	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX335	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX336	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that	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)
						are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX336	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX336	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX338	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on	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)
						which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX338	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX339	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that	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)
						are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX339	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX340	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX341	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Summary		
10TFX343	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10TFX343	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion	[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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						devices).			
10TFX343	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX344	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10TFX344	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Summary		
10TFX344	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX345	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX350	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10TFX350	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX351	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX380	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						basis corrected to 3.0% oxygen for combustion devices).			
10TFX381	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX383	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX384	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						devices).			
10TFX385	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX386	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX386	EP	R5121-Retro	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10VNT001	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10VNT002	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10VNT003	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10VNT003	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the	[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		VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).		§ 115.126(4)	
10WTU237	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10XTR333	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10XTR333	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(b) § 115.121(b)	For all persons in Nueces and Victoria Counties, any	[G]§ 115.125 § 115.126(1)	§ 115.126 § 115.126(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.122(b)(2)	vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126(1)(C) § 115.126(2)	
11LTR067A1	EU	R5211-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(3)(A) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Plants, excluding gasoline bulk plants, which load less than 20,000 gallons of VOC into transport vessels per day with a true vapor pressure greater than or equal to 1.5 psia is exempt from the division, except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None
11LTR067A1	EU	63G-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
11LTR067A2	EU	R5211-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(3)(A) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Plants, excluding gasoline bulk plants, which load less than 20,000 gallons of VOC into transport vessels per day with a true vapor pressure greater than or equal to 1.5 psia is exempt from the division, except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None
11LTR067A2	EU	63G-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						other provisions for transfer racks apply to the Group 2 transfer rack.		§ 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	
11LTR067A3	EU	R5211-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
11LTR067A3	EU	63G-Retro	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
11LTR078A	EU	R5211-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
11PRC063PV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
11PRC066	EU	R5131-2	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(3) § 115.131(b)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title.	[G]§ 115.135(b) § 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	None
11SEP055A	EU	R5131-2	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(b)(3)	Any separator which separates materials having a true vapor pressure < 1.5 psia (10.3 kPa) obtained from any equipment is exempt from §115.132(b).	[G]§ 115.135(b) § 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	None
11SEP055A	EU	63YY-1	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
11TFX036	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
11TFX047	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
11TFX049	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
11TFX049	EU	60Kb-Retro	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
11TFX055	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
11TFX067	EU	R5112-5	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
11TFX082	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
11TFX082	EU	60KB-1	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
11TFX082	EU	63G-4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.137(a)(1) § 63.11 § 63.132(a)(2)(i)(A) § 63.132(a)(2)(i)(B) [G]§ 63.132(f) § 63.137(b)(1)(ii) § 63.137(d) § 63.137(e)(3) § 63.137(f) § 63.139(b) § 63.139(c)(3) § 63.139(f) § 63.140(a) § 63.140(b)	A fixed roof and a closed vent system that routes the organic hazardous air pollutants vapors vented from the oil-water separator to a control device and which meets §63.137(b).	[G]§ 63.137(e)(1) § 63.137(e)(2) § 63.137(e)(3) § 63.139(d)(3) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(g) § 63.144(b) § 63.144(b)(1) § 63.144(b)(2) § 63.144(b)(3) § 63.144(b)(4)	§ 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5)(ii) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b) § 63.147(b)(1) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.147(d)(1)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(6) § 63.146(b)(7) [G]§ 63.146(b)(7)(i) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.140(c) § 63.144(a) [G]§ 63.145(j) [G]§ 63.148(d) § 63.148(e)		§ 63.144(b)(5) [G]§ 63.144(b)(5)(i) § 63.144(b)(5)(ii) [G]§ 63.144(b)(5)(iii) § 63.144(b)(5)(iv) § 63.144(b)(6) § 63.144(c) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.144(c)(4) § 63.145(a)(3) [G]§ 63.145(a)(4) [G]§ 63.145(j) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	§ 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
11TFX083	EU	R5112-5	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
11TFX083	EU	63G-0002	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
11TFX083	EU	63G-2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained	None	None	§ 63.146(b)(2) § 63.146(b)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).			[G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
11TFXTMP	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
13ENG005	EP	R1111-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
13ENG005	EU	60JJJJ-2	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(d)-Table 1 § 60.4234	Owners and operators of stationary emergency SI	§ 60.4237(c)	§ 60.4243(a)(1) § 60.4245(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)
					§ 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	ICE with a maximum engine power greater than 25 HP and less than 100 HP and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 387 g/HP-hr, as listed in Table 1 to this subpart.		§ 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	
13ENG005	EU	60JJJJ-2	HC and NO_x	40 CFR Part 60, Subpart JJJJ	§ 60.4233(d)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than 25 HP and less than 100 HP and were manufactured on or after 01/01/2009 must comply with an HC+NOx emission limit of 10 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(c)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	None
13ENG005	EU	63ZZZZ-1	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
13ENG006	EP	R1111-3	Opacity	30 TAC Chapter	§ 111.111(a)(1)(B)	Visible emissions from any	[G]§	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)
				111, Visible Emissions	§ 111.111(a)(1)(E)	stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	111.111(a)(1)(F) ** See Periodic Monitoring Summary		
13ENG006	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
13ENG007	EP	R1111-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
13ENG007	EU	63ZZZZ-1	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	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
13ENG008	EU	63ZZZZ-6	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
13ENG009	EU	60IIII-5	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 130 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 5.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	None
13ENG009	EU	60IIII-5	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 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 37 KW and less than 75 KW and a	§ 60.4209(a)	§ 60.4214(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)
					§ 60.4218 § 89.112(a)	displacement of less than 10 liters per cylinder and is a 2008 model year and later, must comply with an NMHC+NOx emission limit of 4.7 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
13ENG009	EU	60IIII-5	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 75 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 0.40 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	None
13ENG009	EU	63ZZZZ-7	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	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)
						requirements apply for such engines under this part.			
13ENG00C	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
13ENG00C	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
13ENG00GA	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
13ENG00H	EU	60IIII-2	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) § 60.4218	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	§ 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)
						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.			
13ENG00H	EU	60IIII-2	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) § 60.4218	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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
13ENG00H	EU	63ZZZZ-3	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
13ENG00J	EU	60IIII-2	NMHC and	40 CFR Part 60,	§ 60.4205(c)-Table 4	Owners and operators of	§ 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)
			NO_X	Subpart IIII	§ 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	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.			
13ENG00J	EU	60IIII-2	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) § 60.4218	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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
13ENG00J	EU	63ZZZZ-3	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	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)
						engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
13ENG00K	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
13ENG00L	EU	60IIII-3	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) § 60.4218	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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
13ENG00L	EU	60IIII-3	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) § 60.4218	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	§ 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)
						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.			
13ENG00L	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
13ENG00M	EU	60IIII-3	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) § 60.4218	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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
13ENG00M	EU	60IIII-3	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	§ 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)
					§ 60.4218	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.			
13ENG00M	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
13ENG00N	EU	60IIII-4	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) § 60.4218	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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
13ENG00N	EU	60IIII-4	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130	§ 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) § 60.4218	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.			
13ENG00N	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
13ENG00O	EU	60IIII-3	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) § 60.4218	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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
13ENG00O	EU	60IIII-3	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power	§ 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)
					§ 60.4211(c) [G]§ 60.4211(f) § 60.4218	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.			
13ENG00O	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
13ENG00P	EU	60IIII-3	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) § 60.4218	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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
13ENG00P	EU	60IIII-3	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b)	Owners and operators of emergency stationary fire pump CI ICE with a	§ 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(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	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.			
13ENG00P	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
13LTROST	EU	R5211-4	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(4) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from the requirements of the division (relating to Loading and Unloading of Volatile Organic Compounds), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B)	None
13TFXOST70	EU	R5112-8	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(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)
13TFXOST71	EU	R5112-8	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
16DSD001	EP	63FFFF-4	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2505(a)(1) § 63.2505 § 63.2505(a)(1)(i) § 63.2505(a)(1)(i)(A) § 63.2505(a)(1)(i)(B) § 63.2505(a)(2) § 63.2505(b) § 63.2505(b)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	You must route vent streams through a closed-vent system to a control device that reduces HAP emissions as specified in either §63.2505(a)(1)(i) or (ii).	§ 63.2505(b) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	§ 63.2505(b) § 63.983(b) [G]§ 63.983(d)(2) [G]§ 63.998(d)(1)	§ 63.2505(b) § 63.2505(b)(5) § 63.999(c)(2)(i)
16ENG012	EU	60IIII-6	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
16ENG012	EU	60IIII-6	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2)	Owners and operators of emergency stationary CI	§ 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)
					§ 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	ICE, that are not fire pump engines, with a maximum engine power greater than 560 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 an NMHC+NOx emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
16ENG012	EU	60IIII-6	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
16ENG012	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of	None	None	§ 63.6645(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§63.6645(f).			
16STK001	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
16STK001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
16TFX005	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	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)
16TFX006	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
16TFX521	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
16TFX522	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute	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)
						period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
16VNT002	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
16VNT004	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that	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)
						are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
16VNT004	EP	R5121-5	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP04DIS001	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2) and (3) of this title equal to or less than 100 pounds in any continuous 24-hour period is exempt from the requirements of §115.121(b) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP04LD002	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission	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)
						of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP04TK002	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP04TK004	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and	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)
						therefore no monitoring is required to demonstrate compliance.			
GRP04TK005	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP08CT002	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP08RX003	EP	R1111-1	Opacity	30 TAC Chapter	§ 111.111(a)(1)(A)	Visible emissions from any	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)
				111, Visible Emissions		stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP08TK001	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP10DIS01	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Summary		
GRP10DIS01	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRP10DIS04	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						basis corrected to 3.0% oxygen for combustion devices).			
GRP10DIS04	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRP10DIS06	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10DIS06	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11	Reduce emissions of organic HAP using a	§ 63.114(a) § 63.114(a)(2)	[G]§ 63.117(a)(5) § 63.118(a)(1)	[G]§ 63.117(a)(5) § 63.117(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)
					§ 63.113(h) [G]§ 63.115(f)	flare.§63.113(a)(1)(i)-(ii)	[G]§ 63.115(f) [G]§ 63.116(a)	§ 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRP10DIS16	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	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)
GRP10DIS16	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10DIS16	EP	R5121-5	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10DIS16	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10DIS16	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(b) § 115.121(b)	For all persons in Nueces and Victoria Counties, any	[G]§ 115.125 § 115.126(1)	§ 115.126 § 115.126(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.122(b)(3)	vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126(1)(C) § 115.126(2)	
GRP10DIS16	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRP10FLR01	EU	R1111-1	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
GRP10FLR01	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP10FLR01	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(i)(A) § 63.11(b)(6)(i)(B) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
GRP10LD003	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
GRP10LD005	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
GRP10PV001	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from	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)
						colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP10PV001	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10PV002	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10PV002	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected	[G]§ 115.125 § 115.126(1) § 115.126(1)(C)	§ 115.126 § 115.126(1) § 115.126(1)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(2) ** See CAM Summary	§ 115.126(2)	
GRP10PV002	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY ** See Alternative Requirement	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRP10PV003	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate	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)
						compliance.			
GRP10PV003	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10PV004	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP10PV004	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	Monitoring Summary		
GRP10PV004	EU	63G-4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.11 § 63.139(b) § 63.139(c)(3) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.145(j) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(3) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(g) § 63.145(a)(3) [G]§ 63.145(a)(4) [G]§ 63.145(j) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.147(d)(1) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) [G]§ 63.146(b)(7)(i) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRP10PV005	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from	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)
						this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP10PV005	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP10PV006	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP10PV006	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the	[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		VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).		§ 115.126(4)	
GRP10PV007	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP10PV007	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP10RX001	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	** See Periodic Monitoring Summary		
GRP10RX001	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRP13CAD	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of	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)
						obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP13ENG01	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRP13ENG01	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
GRP13ENG03	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRP13ENG03	EU	63ZZZZ-6	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(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)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)				
GRP13ENG04	EU	60JJJJ-1	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(d)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(i) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than 25 HP and less than 100 HP and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 387 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(c) § 60.4243(b)(2)(i) § 60.4243(f) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(e)	§ 60.4243(b)(2)(i) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4) § 60.4245(b)	§ 60.4245(d)
GRP13ENG04	EU	60JJJJ-1	HC and NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(d)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(i) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than 25 HP and less than 100 HP and were manufactured on or after 01/01/2009 must comply with an HC+NOx emission limit of 10 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(c) § 60.4243(b)(2)(i) § 60.4243(f) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(d)	§ 60.4243(b)(2)(i) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4) § 60.4245(b)	§ 60.4245(d)
GRP13ENG04	EU	63ZZZZ-7	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.			
PRO-ADN	PRO	63F-1	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)

Additional Monitoring Requirements

CAM Summary

Unit/Group/Process Information	
ID No.: 10DIS241	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10DIS241 is routed to Flare 10FLR005.	
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.: 10DIS244	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10DIS244 is routed to Flare 10FLR005.	
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.: 10DIS244	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10DIS244 is routed to Flare 10FLR005.	
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.: 10DSY206	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10DSY206 is routed to Flare 10FLR005.	
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.: 10DSY206	
Control Device ID No.: 15BLR003	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.: R5121-8
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10DSY206 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10DSY206	
Control Device ID No.: 15BLR004	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.: R5121-9
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10DSY206 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10DSY212-2	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: 10MSV260	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10MSV260 is routed to Flare 10FLR005.	
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.: 10MSV260	
Control Device ID No.: 15BLR001	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.: R5121-6
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV260 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10MSV260	
Control Device ID No.: 15BLR002	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.: R5121-7
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV260 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10MSV260	
Control Device ID No.: 15BLR003	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.: R5121-8
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV260 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10MSV260	
Control Device ID No.: 15BLR004	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.: R5121-9
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV260 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10MSV261	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10MSV261 is routed to Flare 10FLR005.	
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.: 10MSV261	
Control Device ID No.: 15BLR001	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.: R5121-6
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV261 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10MSV261	
Control Device ID No.: 15BLR002	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.: R5121-7
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV261 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10MSV261	
Control Device ID No.: 15BLR003	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.: R5121-8
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV261 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10MSV261	
Control Device ID No.: 15BLR004	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.: R5121-9
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when 10MSV261 is routed to the steam generating unit, and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: 10NGP	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10NGP is routed to Flare 10FLR005.	
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.: 10RSY219-1	
Control Device ID No.: 10FLR001	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during which 10RSY219-1 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as 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.: 10RSY219-2	
Control Device ID No.: 10FLR002	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during which 10RSY219-2 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as 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.: 10RSY219-3	
Control Device ID No.: 10FLR003	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during which 10RSY219-3 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as 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.: 10RSY219-4	
Control Device ID No.: 10FLR003A	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during which 10RSY219-4 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX011	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX015	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10TFX15 is routed to Flare 10FLR005.	
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.: 10TFX018	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10TFX018 is routed to Flare 10FLR005.	
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.: 10TFX020A	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX043	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX044	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX340	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10TFX340 is routed to Flare 10FLR005.	
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.: 10TFX341	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10TFX341 is routed to Flare 10FLR005.	
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.: 10TFX343	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10TFX343 is routed to Flare 10FLR005.	
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.: 10TFX343	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX344	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10TFX344 is routed to Flare 10FLR005.	
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.: 10TFX344	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX345	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from 10TFX345 is routed to Flare 10FLR005.	
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.: 10TFX350	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during which 10TFX350 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as 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.: 10TFX386	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Except for periods during unit shut down, lack of a pilot flame shall be reported as a deviation, or failure to report status of pilot flame at least once every 15 minutes shall be reported as 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.: GRP10DIS01	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from GRP10DIS01 is routed to Flare 10FLR005.	
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.: GRP10DIS06	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from GRP10DIS06 is routed to Flare 10FLR005.	
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.: GRP10DIS16	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from GRP10DIS16 is routed to Flare 10FLR005.	
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.: GRP10DIS16	
Control Device ID No.: 10FLR004	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-5
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once every 15 minutes when the vent from GRP10DIS16 is routed to Flare 10FLR004.	
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.: GRP10DIS16	
Control Device ID No.: 15BLR003	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.: R5121-8
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when any unit in GRP10DIS16 is routed to the steam generating unit and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP10DIS16	
Control Device ID No.: 15BLR004	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.: R5121-9
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Any period when any unit in GRP10DIS16 is routed to the steam generating unit and the steam generating unit is not operating.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP10PV002	
Control Device ID No.: 10VNT255	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Temperature and Flow Rate	
Minimum Frequency: Once per hour	
Averaging Period: Daily	
Deviation Limit: Daily average scrubbing liquid temperature greater than 30 C during normal operation or 65 C during maintenance, startup and shutdown (MSS) activities, or daily average scrubbing liquid flow rate less than 16,000 lbs/hr, except for periods during which GRP10PV002 is shut down.	
CAM Text: Measure and record the daily average scrubbing liquid temperature and the daily average scrubbing liquid flow rate. Maintain, calibrate and operate the monitoring instrumentation in accordance with manufacturer's specification or other written procedures. Any monitoring data indicating a daily average scrubbing liquid temperature greater than 30 C during normal operation or 65 C during maintenance, startup and shutdown (MSS) activities, or a daily average scrubbing liquid flow rate less than 16,000 pounds per hour, shall be considered and reported as a deviation, except for periods during which GRP10PV002 is shut down.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04DIS501	
Control Device ID No.: 04FLR032	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04DIS550	
Control Device ID No.: 04FLR032	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04DPT001PV	
Control Device ID No.: 04FLR032	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04VNT009	
Control Device ID No.: 04FLR032	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DIS243	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DIS245	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DIS301	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DSY208	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DSY211-2	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DSY215	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DSY216	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DSY217	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10DSY230	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10FLT064	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-Retro
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity shall not exceed 20% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10FLT065	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-Retro
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity shall not exceed 20% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10FLT067	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity shall not exceed 20% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10RCT201A	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10RCT222	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10RCT223	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10RCT301	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10RSY201	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX006E	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX006E	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX009	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-4
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.6	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX011	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX012	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX013	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX013	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: VOC concentration measured from the closed vent system shall be not exceed 500 ppm above background.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX013	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to visually inspect all components of the vapor collection system for defects.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX015	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX015A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX015A	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX016	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX016	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: VOC concentration measured from the closed vent system shall be not exceed 500 ppm above background.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX016	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to visually inspect all components of the vapor collection system for defects.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX017	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX017	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: VOC concentration measured from the closed vent system shall be not exceed 500 ppm above background.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX017	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to visually inspect all components of the vapor collection system for defects.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX018	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX020	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX020	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX020	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX020	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX020A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX020A	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX020A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX021	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX021	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX021B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-6
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX021C	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-6
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX022	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX022	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX022	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX022	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX023	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX025A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX025B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-Retro
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026A	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX026A	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX043	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX043	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX043	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX044	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX044	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX044	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX047	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-16
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Liquid Level	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: Liquid level below fill pipe level.	
Periodic Monitoring Text: Regardless of the location of the fill pipe, the fill pipe must be submerged at all times. Monitor and record the depth of the liquid using an automated/remote sounding device or liquid level sensing alarm/monitor. It shall be considered and reported as a deviation any time the liquid level falls below the fill pipe level.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX047	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-16
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: N/A	
Deviation Limit: Repairs to fill pipe not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX053	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX053	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX053	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX053	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX307	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX335	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX335	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX336	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX336	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX338	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX339	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX350	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX351	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX351	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX380	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX380	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX381	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX381	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX383	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX384	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX385	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX385	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10TFX386	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-Retro
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10XTR333	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11PRC063PV	
Control Device ID No.: 04FLR032	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX049	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX049	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year during any year in which the tank is in service	
Averaging Period: N/A	
Deviation Limit: Failure to repair component leaks within 15 days or before the end of the next process unit shutdown shall be reported as a deviation.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21. Fugitive components with VOC leaks in excess of 500 ppmv above background concentration not repaired within 15 days, or not placed on a Delay of Repair shall be considered and recorded as a deviation. Components placed on Delay of Repair shall be repaired before the end of the next process unit shutdown.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX049	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-Retro
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to repair defects.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX067	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-5
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX082	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX082	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year during any year in which the tank is in service	
Averaging Period: N/A	
Deviation Limit: Failure to repair component leaks within 15 days or before the end of the next process unit shutdown shall be reported as a deviation.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21. Fugitive components with VOC leaks in excess of 500 ppmv above background concentration not repaired within 15 days, or not placed on a Delay of Repair shall be considered and recorded as a deviation. Components placed on Delay of Repair shall be repaired before the end of the next process unit shutdown.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX082	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to repair defects.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11TFX083	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-5
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 13ENG005	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity shall not exceed 20% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 13ENG006	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity shall not exceed 20% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 13ENG007	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity shall not exceed 20% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 13ENG00C	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Opacity exceeding 30% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 13TFXOST70	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-8
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 13TFXOST71	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-8
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 16STK001	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity exceeding 30% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10DIS04	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10PV001	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10PV002	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10PV003	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10PV003	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10PV004	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Visible inspections	
Minimum Frequency: AVO inspection once per year.	
Averaging Period: N/A	
Deviation Limit: Any opening of the CV/EV not associated with MSS activities as defined below.	
Periodic Monitoring Text: Conduct an audio, visual, and olfactory inspection of all gaskets and vapor sealing surfaces of each closure device not connected to a vapor recovery unit or other vapor control device once per calendar year to ensure compliance. Each closure device must be closed at all times except when normally actuated or required to be open for temporary access or to relieve excess pressure or vacuum in accordance with the manufacturer's design and consistent with good air pollution control practices. Such opening, actuation, or use must be limited to minimize vapor loss. Monitor and record the maintenance repair time of openings in the fixed roof storage tank through which vapors are not routed to a vapor recovery unit or other vapor control device. Comply with the applicable provisions of the applicable permit authorization. Any maintenance activities which exceed the MSS representations shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10PV004	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP10RX001	
Control Device ID No.: 10FLR005	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of a pilot flame.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP13ENG01	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity exceeding 30% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP13ENG03	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: N/A	
Deviation Limit: Opacity exceeding 30% averaged over a six-minute period.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

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
04DIS501	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04DIS510	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04DIS550	N/A	40 CFR Part 60, Subpart NNN	No listed chemicals present.
04DIS550	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04DIS551	N/A	40 CFR Part 60, Subpart NNN	No listed chemicals present.
04DIS551	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04DIS552	N/A	40 CFR Part 60, Subpart NNN	No listed chemicals present.
04DIS552	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04DIS553	N/A	40 CFR Part 60, Subpart NNN	No listed chemicals present.
04DIS553	N/A	40 CFR Part 63, Subpart G	No hazardous air pollutants present.
04DPT001	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04DPT001PV	N/A	40 CFR Part 60, Subpart NNN	No listed chemicals present.
04DPT001PV	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit

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
			that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04RSY600	N/A	40 CFR Part 60, Subpart RRR	Construction, modification, or reconstruction commenced before June 29, 1990.
04RSY600	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04SEP001	N/A	40 CFR Part 61, Subpart FF	No listed chemicals present; Material stored is not a benzene waste.
04SEP001	N/A	40 CFR Part 63, Subpart DD	No off-site waste is processed by this separator.
04SEP001	N/A	40 CFR Part 63, Subpart VV	Subpart VV is not referenced by another subpart of 40 CFR 60, 61, or 63 for this separator.
04TFX026	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04TFX027	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank is in Victoria County and true vapor pressure of VOC is <1.5 psia and the tank is not an external floating roof tank.
04TFX027	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
04TFX027	N/A	40 CFR Part 63, Subpart DD	No off-site waste is stored in this tank.
04TFX027	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04TFX031	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical

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
			manufacturing unit specified in 63.100(b)(1)-(3).
04TFX044	N/A	40 CFR Part 60, Subpart Kb	Capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
04TFX044	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04TFX504	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3 (19,800 gallons).
04TFX504	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04TFX506	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification is commenced before July 23, 1984.
04TFX506	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04TFX508	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity less than 1000 gallons.
04TFX508	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3 (19,800 gallons).
04TFX508	N/A	40 CFR Part 61, Subpart FF	No listed chemicals present; Material stored is not a benzene waste.
04TFX508	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
04VNT007	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).

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
04VNT009	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
08SMP018	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3 (19,800 gallons).
08SMP018	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
10CLT040	N/A	40 CFR Part 63, Subpart Q	Exempt since cooling tower was not in chromium service on or after 9/8/94.
10DIS227	N/A	30 TAC Chapter 115, Vent Gas Controls	Exempt since distillation column contains no VOC.
10DIS227	N/A	40 CFR Part 60, Subpart NNN	Exempt because the distillation unit does not use, contain or produce VOC.
10DIS227	N/A	40 CFR Part 63, Subpart F	Exempt since distillation column contains no listed chemicals.
10DIS241	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent is controlled to the levels required in 63.113(a)(1).
10DIS243	N/A	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR part 60, Subpart NNN is required to comply only with the provisions of 40 CFR 63, Subpart G.
10DIS244	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent is controlled to the levels required in 63.113(a)(1).
10DIS245	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent is controlled to the levels required in 63.113(a)(1).
10DIS301	N/A	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
10DSY206	N/A	40 CFR Part 60, Subpart NNN	A process vent that must be controlled according to the requirements of 40 CFR 63, Subpart YY and Subpart NNN of 40 CFR part 60 is required to comply only with the process vent requirements of 40 CFR 63, Subpart YY.
10DSY206	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10DSY208	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent is controlled to the levels required in 63.113(a)(1).
10DSY211-2	N/A	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
10DSY212-2	N/A	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
10DSY215	N/A	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
10DSY216	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent is controlled to the levels required in 63.113(a)(1).

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10DSY217	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent is controlled to the levels required in 63.113(a)(1).
10DSY230	N/A	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
10FLR004	N/A	40 CFR Part 60, Subpart A	Exempt since this flare is not used to comply with applicable subparts of 40 CFR 60 & 61.
10FLR004A	N/A	40 CFR Part 60, Subpart A	Exempt since this flare is not used to comply with applicable subparts of 40 CFR 60 & 61.
10FLR004A	N/A	40 CFR Part 63, Subpart A	Flare is not required by an applicable regulation.
10FLR004B	N/A	40 CFR Part 60, Subpart A	Exempt since this flare is not used to comply with applicable subparts of 40 CFR 60 & 61.
10FLR004B	N/A	40 CFR Part 63, Subpart A	Flare is not required by an applicable regulation.
10FUG	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Exempt since Victoria is an ozone attainment county.
10FUG	N/A	40 CFR Part 61, Subpart J	Equipment to which 40 CFR 63, Subpart H applies that are also subject to the provisions of 40 CFR part 61 will be required to comply only with the provisions of 40 CFR 63, Subpart H.
10FUG	N/A	40 CFR Part 61, Subpart V	Equipment to which 40 CFR 63, Subpart H applies that are also subject to the provisions of 40 CFR part 61 will be required to comply only with the provisions of 40 CFR 63, Subpart H.
10FUG2	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Exempt since Victoria is an ozone attainment county.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10FUG2	N/A	40 CFR Part 60, Subpart VV	The ADN facility was not constructed, reconstructed or modified after January 5, 1981 and on or before November 7, 2006.
10FUG2	N/A	40 CFR Part 61, Subpart J	Equipment to which 40 CFR 63, Subpart H applies that are also subject to the provisions of 40 CFR part 61 will be required to comply only with the provisions of 40 CFR 63, Subpart H.
10FUG2	N/A	40 CFR Part 61, Subpart V	Equipment to which 40 CFR 63, Subpart H applies that are also subject to the provisions of 40 CFR part 61 will be required to comply only with the provisions of 40 CFR 63, Subpart H.
10LBA061C	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Exempt since only unloading of marine vessels is done at this unit.
10LBA061C	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LBA061C	N/A	40 CFR Part 63, Subpart F	Exempt since only barge unloading is involved.
10LBA061D	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Not a VOC transfer unit.
10LRC041D	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LRC041D	N/A	40 CFR Part 63, Subpart F	Exempt since no loading is done at this facility and transfer rack is defined as loading only.
10LRC060	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LRC060	N/A	40 CFR Part 63, Subpart F	Exempt since no loading is done at this facility and transfer rack is defined as loading only.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10LTR056E2	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR056E2	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR056E2	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR056F2	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR056F2	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR056F2	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR056G	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10LTR056G	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR056G	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR056H	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR056H	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR056H	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR056J	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR056J	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10LTR056J	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR056K	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR056K	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR056K	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR056L	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR056L	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR056L	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10LTR061E	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LTR061E	N/A	40 CFR Part 63, Subpart F	Exempt since this unit is not part of the HON CMPU.
10LTR061F	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LTR061F	N/A	40 CFR Part 63, Subpart F	Exempt since only unloading is done at this unit.
10LTR061G2	N/A	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
10LTR061P	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR061P	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR061P	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR061Q	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10LTR061Q	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR061Q	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR061R	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart F.
10LTR061R	N/A	40 CFR Part 63, Subpart G	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart G.
10LTR061R	N/A	40 CFR Part 63, Subpart H	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities are exempt from 40 CFR Part 63, Subpart H.
10LTR071	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Exempt since no VOCs are loaded at this unit.
10LTR072	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LTR072	N/A	40 CFR Part 63, Subpart F	Exempt since no listed chemicals are present.
10LTR073	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this facility.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10MSV260	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10MSV260	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10MSV260	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10MSV261	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10MSV261	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10MSV261	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10NGP	N/A	40 CFR Part 63, Subpart F	Exempt since the NGP does not manufacture any chemical listed in Table 1 of 40 CFR 63 Subpart F.
10RCT201A	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).
10RCT202	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RCT202	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RCT202	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system.
10RCT221	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RCT221	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RCT221	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10RCT222	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).
10RCT223	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).
10RCT301	N/A	40 CFR Part 60, Subpart RRR	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart RRR is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
10RSY200	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RSY200	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RSY200	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system.
10RSY201	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).
10RSY219-1	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or intermediate.
10RSY219-1	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10RSY219-2	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			intermediate.
10RSY219-2	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10RSY219-3	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or intermediate.
10RSY219-3	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10RSY219-4	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or intermediate.
10RSY219-4	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10RSY220	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RSY220	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RSY220	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system because it runs liquid full.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10SEP251	N/A	40 CFR Part 61, Subpart FF	Exempt since unit does not contain a benzene waste.
10SEP251	N/A	40 CFR Part 63, Subpart F	Exempt since this is a process vent (the point of determination is downstream from this unit) and the process vent from this unit is not a vent from an air oxidation reactor, distillation unit, or reactor.
10SEP252	N/A	40 CFR Part 63, Subpart F	Exempt since this is a process vent (the point of determination is downstream from this unit) and the process vent from this unit is not a vent from an air oxidation reactor, distillation unit, or reactor.
10SMP048	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
10SMP048	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification is commenced before July 23, 1984.
10SMP048	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10SMP048	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10SMP048	N/A	40 CFR Part 63, Subpart F	Exempt since sump contains no listed chemicals.
10TFX006E	N/A	40 CFR Part 60, Subpart Kb	A Group 1 or Group 2 storage vessel that is also subject to the provisions of 40 CFR Part 60, Subpart Kb is required to comply only with the provisions of 40 CFR 63, Subpart G.
10TFX006E	N/A	40 CFR Part 61, Subpart Y	Exempt since tank is not storing benzene having

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			a specific gravity within the range of specific gravities in any of the listed ASTM specifications.
10TFX009	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75m3 (19,800 gallons).
10TFX009	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX009	N/A	40 CFR Part 61, Subpart Y	Exempt since benzene stored does not have specific gravity within the specified range.
10TFX010	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX010	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
10TFX010	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX010	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX010	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX011	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX011	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX011	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX012	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX012	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX012	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX013	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX013	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX013	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX015	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX015	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX015	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX015A	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
10TFX015A	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10TFX015A	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
10TFX016	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX016	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX016	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX017	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX017	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX017	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX018	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX018	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX018	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX020	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX020	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX020	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX020A	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX020A	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX020A	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX021	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX021	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10TFX021	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
10TFX022	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX022	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX022	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX023	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX023	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX023	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX023	N/A	40 CFR Part 63, Subpart G	Exempt since tank contains no listed chemicals other than possibly as impurities.
10TFX024	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX024	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is > 75m3 (19,800 gallons) but less than 151 m3 and the liquid stored has a maximum true vapor capacity < 15.0 kPa.
10TFX024	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			waste.
10TFX024	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX024	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX025A	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is > 75m3 (19,800 gallons) but less than 151 m3 and the liquid stored has a maximum true vapor pressure < 15.0 kPa.
10TFX025A	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX025A	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX025A	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX025B	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is > 75m3 (19,800 gallons) but less than 151 m3 and the liquid stored has a maximum true vapor pressure < 15.0 kPa.
10TFX025B	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX025B	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX025B	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX026	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX026	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX026	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor,

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			distillation unit, or reactor.
10TFX026A	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX026A	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX026A	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX035A	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX035A	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
10TFX035A	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX035A	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX037	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX037	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor.
10TFX037	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX037A	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX037A	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			kilopascals (kPa).
10TFX037A	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX037A	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX037A	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX038	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is > 75m3 (19,800 gallons) but less than 151 m3 and the liquid stored has a maximum true vapor capacity < 15.0 kPa.
10TFX039	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
10TFX039	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
10TFX039	N/A	40 CFR Part 61, Subpart Y	Exempt since tank is not storing benzene having a specific gravity within the range of specific gravities in any of the listed ASTM specifications.
10TFX042	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
10TFX042	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is > 75m3 (19,800 gallons) but less than 151 m3 and the liquid stored has a maximum true vapor capacity < 15.0 kPa.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX042	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX042	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX042	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX043	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX043	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX043	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX044	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
10TFX044	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10TFX044	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX045	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank
10TFX045	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
10TFX045	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX045	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX045	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX046	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank
10TFX046	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
10TFX046	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX046	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX046	N/A	40 CFR Part 63, Subpart F	Exempt since tank contains HAPs only as impurities.
10TFX047	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification is commenced before July 23, 1984.
10TFX047	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX053	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX053	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX053	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX057	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX057	N/A	40 CFR Part 61, Subpart Y	Exempt since tank is not storing benzene having a specific gravity within the range of specific

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			gravities in any of the listed ASTM specifications.
10TFX059	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX059	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is greater than 151 m3 and maximum true vapor pressure is less than 3.5 kPa.
10TFX059	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX059	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX059	N/A	40 CFR Part 63, Subpart F	Exempt since tank stores organic liquids that contain organic hazardous air pollutants only as impurities.
10TFX060	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX060	N/A	40 CFR Part 60, Subpart Kb	Non-petroleum liquid storage tank was constructed prior to July 23, 1984 and has not been modified or reconstructed.
10TFX060	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX060	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX060	N/A	40 CFR Part 63, Subpart G	Exempt since tank contains no listed chemicals other than possibly as impurities.
10TFX060	N/A	40 CFR Part 63, Subpart YY	Exempt since tank does not contain refined

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			HCN.
10TFX067	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX067	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX067	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX068	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank capacity is < 1000 gallons.
10TFX068	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
10TFX068	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX068	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX068	N/A	40 CFR Part 63, Subpart F	Exempt since tank capacity is less than 38 m3.
10TFX307	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX307	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX307	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX326	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank capacity is < 1000 gallons.
10TFX326	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,800 gallons).
10TFX326	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX326	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX326	N/A	40 CFR Part 63, Subpart F	Exempt since tank capacity is less than 38 m3.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX327	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank capacity is < 1000 gallons.
10TFX327	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,800 gallons).
10TFX327	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX327	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX327	N/A	40 CFR Part 63, Subpart F	Exempt since tank capacity is less than 38 m3.
10TFX335	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX335	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX335	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX336	N/A	40 CFR Part 60, Subpart NNN	Exempt since the vent stream is not from a distillation unit.
10TFX336	N/A	40 CFR Part 60, Subpart RRR	Exempt since the vent stream is not from a reactor process.
10TFX336	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX338	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
10TFX338	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10TFX338	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX339	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
10TFX339	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10TFX339	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
10TFX340	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX340	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX340	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX341	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX341	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX341	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX343	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX343	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX343	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX344	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX344	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX344	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX345	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10TFX345	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX345	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX350	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX350	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX350	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX351	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX351	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX351	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX380	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX380	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX380	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX381	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX381	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX381	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX383	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX383	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX383	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor,

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			distillation unit, or reactor.
10TFX384	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX384	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX384	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX385	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX385	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX385	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX386	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX386	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX386	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10VNT001	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10VNT001	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10VNT001	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10VNT002	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10VNT002	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10VNT002	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10XTR333	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
10XTR333	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10XTR333	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
11LTR067A1	N/A	40 CFR Part 61, Subpart BB	The loading of benzene-laden waste covered under 40 CFR 61, Subpart FF is exempt.
11LTR067A2	N/A	40 CFR Part 61, Subpart BB	The loading of benzene-laden waste covered under 40 CFR 61, Subpart FF is exempt.
11LTR078A	N/A	40 CFR Part 61, Subpart BB	The loading of benzene-laden waste covered under 40 CFR 61, Subpart FF is exempt.
11LTR078A	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
11ODP055B	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since container capacity is < 1000 gallons.
11ODP055B	N/A	40 CFR Part 60, Subpart Kb	Exempt since container capacity is < 75 m3 (19,800 gallons).
11ODP055B	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11ODP055B	N/A	40 CFR Part 63, Subpart F	Exempt since container does not receive wastewater or residuals subject to 40 CFR 63, Subpart F. Also exempt because vessel capacity is less than 38 m3.
11PRC063PV	N/A	40 CFR Part 63, Subpart G	Process vent is not subject to 40 CFR 63, Subpart G, if the vent stream is from a waste management unit subject to §§63.132 through

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			63.137.
11PRC066	N/A	40 CFR Part 63, Subpart DD	No off-site waste is processed by this separator.
11PRC066	N/A	40 CFR Part 63, Subpart VV	Subpart VV is not referenced by another subpart of 40 CFR 60, 61, or 63 for this separator.
11SEP055A	N/A	40 CFR Part 63, Subpart F	Exempt since unit does not receive wastewater or residuals subject to 40 CFR 63, Subpart F.
11SMP081	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3 (19,800 gallons).
11TFX018	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank is in Victoria County and true vapor pressure of VOC is <1.5 psia and the tank is not an external floating roof tank.
11TFX018	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
11TFX019	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank is in Victoria County and true vapor pressure of VOC is <1.5 psia and the tank is not an external floating roof tank.
11TFX019	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
11TFX036	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
11TFX036	N/A	40 CFR Part 60, Subpart Kb	Exempt since maximum true vapor pressure of material stored is < 0.5 psia.
11TFX036	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
11TFX047	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
11TFX047	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is > 75m3 (19,800 gallons) but less than 151 m3 and the liquid stored has a maximum true vapor pressure < 15.0 kPa.
11TFX047	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFX048	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
11TFX048	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
11TFX048	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFX050	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank is in Victoria County and true vapor pressure of VOC is <1.5 psia and the tank is not an external floating roof tank.
11TFX050	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
11TFX050	N/A	40 CFR Part 61, Subpart FF	Tank does not store benzene containing hazardous waste.
11TFX050	N/A	40 CFR Part 63, Subpart G	No hazardous air pollutants present.
11TFX055	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
11TFX055	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
11TFX055	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFX064	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
11TFX064	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFX067	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3 (19,800 gallons).
11TFX078	N/A	40 CFR Part 60, Subpart Kb	True vapor pressure is less than 0.5 psia
11TFX078	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3)
11TFX083	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
11TFXTMP	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3 (19,800 gallons).
11TFXTMP	N/A	40 CFR Part 61, Subpart FF	Exempt since this tank does not contain a benzene waste.
11TFXTMP	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFXTMP	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
13TFX200	N/A	30 TAC Chapter 115, Storage of VOCs	The tank does not store volatile organic compounds.
13TFX200	N/A	40 CFR Part 60, Subpart Kb	The tank does not meet the definition of a storage vessel since the tank does not store

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			volatile organic liquids.
13TFXDIESEL	N/A	30 TAC Chapter 115, Storage of VOCs	Tank capacity is less than 1,000 gallons.
13TFXDIESEL	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
13TFXOST70	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
13TFXOST70	N/A	40 CFR Part 61, Subpart FF	The tank does not treat hazardous waste.
13TFXOST71	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
13TFXOST71	N/A	40 CFR Part 61, Subpart FF	The tank does not treat hazardous waste.
16STK001	N/A	40 CFR Part 60, Subpart RRR	No listed chemicals present.
16STK001	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
16TFX521	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification is commenced before July 23, 1984.
16TFX521	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
16TFX522	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3 (19,800 gallons).
16TFX522	N/A	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
GRP04DIS001	04DIS502, 04DIS503, 04DIS504, 04DIS505, 04DIS507, 04DIS508	40 CFR Part 60, Subpart NNN	No listed chemicals present.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRP04DIS001	04DIS502, 04DIS503, 04DIS504, 04DIS505, 04DIS507, 04DIS508	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
GRP04TK001	04TFX022A, 04TFX022B	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification is commenced before July 23, 1984.
GRP04TK001	04TFX022A, 04TFX022B	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
GRP04TK002	04TFX020, 04TFX021, 04TFX023A, 04TFX023B, 04TFX023C, 04TFX023D, 04TFX025, 04TFX034A, 04TFX034B	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
GRP04TK003	04TFX030A, 04TFX030B	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification is commenced before July 23, 1984.
GRP04TK003	04TFX030A, 04TFX030B	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
GRP04TK004	04TFX033A, 04TFX033B, 04TFX033C, 04TFX033D, 04TFX033E	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification is commenced before July 23, 1984.
GRP04TK004	04TFX033A, 04TFX033B, 04TFX033C, 04TFX033D, 04TFX033E	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
GRP04TK005	04TFX028, 04TFX029, 10TFX035B, 10TFX035C, 10TFX035D	30 TAC Chapter 115, Storage of VOCs	Exempt since tank is in Victoria County and true vapor pressure of VOC is <1.5 psia and the tank is not an external floating roof tank.
GRP04TK005	04TFX028, 04TFX029, 10TFX035B,	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	10TFX035C, 10TFX035D		pressure of material stored is less than 3.5 kilopascals (kPa).
GRP04TK005	04TFX028, 04TFX029, 10TFX035B, 10TFX035C, 10TFX035D	40 CFR Part 61, Subpart FF	Tanks in this group do not contain a benzene waste.
GRP04TK005	04TFX028, 04TFX029, 10TFX035B, 10TFX035C, 10TFX035D	40 CFR Part 61, Subpart Y	The tanks in this group do not store benzene.
GRP04TK005	04TFX028, 04TFX029, 10TFX035B, 10TFX035C, 10TFX035D	40 CFR Part 63, Subpart F	Vessels storing organic liquids that contain organic hazardous air pollutants only as impurities.
GRP04TK006	11TFX051, 11TFX052	30 TAC Chapter 115, Storage of VOCs	Exempt since tank is in Victoria County and true vapor pressure of VOC is <1.5 psia and the tank is not an external floating roof tank.
GRP04TK006	11TFX051, 11TFX052	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
GRP04TK006	11TFX051, 11TFX052	40 CFR Part 61, Subpart Y	The tanks in this group do not store benzene.
GRP04TK006	11TFX051, 11TFX052	40 CFR Part 63, Subpart F	Vessels storing organic liquids that contain organic hazardous air pollutants only as impurities.
GRP08CT002	08CLT004, 08CLT005	40 CFR Part 63, Subpart Q	No chromium compounds used after 9/8/94.
GRP08RX003	08RXN006, 08RXN007, 08RXN008, 08RXN009	30 TAC Chapter 115, Storage of VOCs	Not used to store VOCs.
GRP08RX003	08RXN006, 08RXN007, 08RXN008, 08RXN009	40 CFR Part 60, Subpart RRR	Exempt since biotreatment is not a SOCMI process.
GRP08RX003	08RXN006, 08RXN007, 08RXN008, 08RXN009	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			manufacturing unit specified in 63.100(b)(1)-(3).
GRP08TK001	08CLF012, 08CLF013, 08TFX001, 08TFX002, 08TFX016	40 CFR Part 60, Subpart Kb	True vapor pressure is less than 0.5 psia.
GRP08TK001	08CLF012, 08CLF013, 08TFX001, 08TFX002, 08TFX016	40 CFR Part 63, Subpart G	The equipment is associated with a process unit that does not meet the criteria for a chemical manufacturing unit specified in 63.100(b)(1)-(3).
GRP10DIS01	10DIS039A, 10DSY211, 10DSY212	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
GRP10DIS04	10DIS240, 10DIS242	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
GRP10DIS06	10DIS205, 10DIS218, 10DSY203, 10DSY207	40 CFR Part 60, Subpart NNN	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart NNN is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
GRP10DIS16	10DSY213, 10DSY214	40 CFR Part 60, Subpart NNN	A process vent that must be controlled according to the requirements of 40 CFR 63, Subpart YY and Subpart NNN of 40 CFR part 60 is required to comply only with the process vent requirements of 40 CFR 63, Subpart YY.
GRP10DIS16	10DSY213, 10DSY214	40 CFR Part 63, Subpart F	Exempt because gas streams are transferred for use or reuse.
GRP10FLR01	10FLR001, 10FLR002, 10FLR003, 10FLR003A	40 CFR Part 60, Subpart A	Exempt since these flares are not used to comply with applicable subparts of 40 CFR 60 & 61.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRP10FLT23	10FLT063, 10FLT063A	40 CFR Part 63, Subpart F	Exempt since no listed chemicals are present.
GRP10LD003	10LRC041G, 10LTR074	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
GRP10LD003	10LRC041G, 10LTR074	40 CFR Part 63, Subpart F	Exempt since no loading is done at this facility and transfer rack is defined as loading only.
GRP10LD005	10LRC041A, 10LRC041B, 10LRC041C, 10LRC041E, 10LTR036, 10LTR061I	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
GRP10LD005	10LRC041A, 10LRC041B, 10LRC041C, 10LRC041E, 10LTR036, 10LTR061I	40 CFR Part 63, Subpart F	Exempt since transferred liquids contain organic HAPs only as impurities.
GRP10PV001	10TFX019, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX342	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV001	10TFX019, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX342	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV001	10TFX019, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX342	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
GRP10PV002	10TFX305, 10TFX306	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRP10PV002	10TFX305, 10TFX306	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV002	10TFX305, 10TFX306	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
GRP10PV003	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV003	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV003	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
GRP10PV004	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV004	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV004	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.om an air oxidation reactor, distillation unit, or reactor.
GRP10PV005	10TFX033, 10TFX034A, 10TFX034B	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV005	10TFX033, 10TFX034A, 10TFX034B	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			reactor process.
GRP10PV005	10TFX033, 10TFX034A, 10TFX034B	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
GRP10PV006	10RPF001, 10RPF002	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV006	10RPF001, 10RPF002	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV006	10RPF001, 10RPF002	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
GRP10PV007	10TFX049A, 10TFX049B, 10TFX049C	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV007	10TFX049A, 10TFX049B, 10TFX049C	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV007	10TFX049A, 10TFX049B, 10TFX049C	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
GRP10RX001	10RCT228, 10RCT229	40 CFR Part 60, Subpart RRR	A Group 1 process vent that is also subject to the provisions of 40 CFR Part 60, Subpart RRR is required to comply only with the provisions of 40 CFR Part 63, Subpart G.
GRP10TK013	11TFX053, 11TFX070, 11TFX076, 11TFX077, 11TFX153	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tanks are not external floating roof tanks.
GRP10TK013	11TFX053, 11TFX070, 11TFX076,	40 CFR Part 60, Subpart Kb	Exempt since tank capacities are < 75 m3

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	11TFX077, 11TFX153		(19,800 gallons).
GRP10TK013	11TFX053, 11TFX070, 11TFX076, 11TFX077, 11TFX153	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK032	10TFX071, 10TFX072	30 TAC Chapter 115, Storage of VOCs	Exempt since tank capacities are < 1000 gallons.
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 60, Subpart Kb	Exempt since tank capacities are < 75 m3 (19,800 gallons).
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 63, Subpart F	Exempt since tank capacities are less than 38 m3.
GRP10TK033	10TFX085, 10TFX086	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tanks are not external floating roof tanks.
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 60, Subpart Kb	Exempt since tank capacities are < 75 m3 (19800 gal).
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 63, Subpart F	Exempt since tank capacities are < 38 m3.
GRP10TK035	10TFX032B, 10TFX036	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tanks are not external floating roof

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			tanks.
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 60, Subpart Kb	Tank capacities are greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 63, Subpart F	Exempt since tanks in this group are not part of or associated with the HON chemical manufacturing process unit.
GRP10TK036	10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX080	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tanks are not external floating roof tanks.
GRP10TK036	10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX080	40 CFR Part 60, Subpart Kb	Tank capacities are greater than 151 m3 and vapor pressure of material stored is less than 3.5 kilopascals (kPa).
GRP10TK036	10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX080	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK036	10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX080	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK036	10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX080	40 CFR Part 63, Subpart F	Exempt since tanks in this group contain HAPs only as impurities.

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.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: GHGPSDTX145M1 (associated with 23271)	Issuance Date: 05/31/2019
PSD Permit No.: GHGPSDTX145M1 (associated with 7186)	Issuance Date: 01/28/2021
PSD Permit No.: PSDTX1079M2	Issuance Date: 01/28/2021
PSD Permit No.: PSDTX1416	Issuance Date: 05/31/2019
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.: 7186	Issuance Date: 01/28/2021
Authorization No.: 23271	Issuance Date: 05/31/2019
Authorization No.: 31376	Issuance Date: 02/13/2020
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 03/14/1997
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 03/14/1997
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	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**
04CWA035	COOLING WATER BASIN	23271, PSDTX1416, 106.371/09/04/2000
04DIS501	FORESHOTS COLUMN	23271, PSDTX1416
04DIS502	PURGE COLUMN	23271, PSDTX1416
04DIS503	PURGE ENRICHER COLUMN	23271, PSDTX1416
04DIS504	PARALLEL PURGE COLUMN	23271, PSDTX1416
04DIS505	PURGE CONCENTRATOR COLUMN	23271, PSDTX1416
04DIS506	REFINING-AMMONIA LOW PRESSURE ABSORBER SCRUBBER	23271, PSDTX1416
04DIS507	REFINER COLUMN	23271, PSDTX1416
04DIS508	TAILS CONCENTRATOR COLUMN	23271, PSDTX1416
04DIS510	N112 COLUMN	23271, PSDTX1416
04DIS550	SP STRIPPER COLUMN	23271, PSDTX1416
04DIS551	SPECIALTY PRODUCTS COLUMN 1	23271, PSDTX1416, 106.261/11/01/2003 [76575], 106.262/11/01/2003 [76575]
04DIS552	SPECIALTY PRODUCTS COLUMN 2	23271, PSDTX1416, 106.261/11/01/2003 [76575], 106.262/11/01/2003 [76575]
04DIS553	SPECIALTY PRODUCTS COLUMN 3	23271, PSDTX1416, 106.261/11/01/2003 [76575], 106.262/11/01/2003 [76575]
04DPT001	PRETREATMENT COLUMN 1	23271, PSDTX1416
04DPT001PV	PRETREATMENT COLUMN 1 VENT	23271, PSDTX1416
04FLR032	DIAMINE FLARE	23271, PSDTX1416, 106.261/11/01/2003 [146503, 157983, 76575, 80416L, 99179], 106.262/11/01/2003 [146503, 157983, 76575, 80416L, 99179], 106.263/11/01/2001 [99179]

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**
04FUG	FUGITIVES	23271, PSDTX1416, 106.261/11/01/2003 [151197, 151513, 154192, 154387, 156653, 160438, 163030, 163343, 163737, 163880, 166294, 99179, 136474, 146876], 106.262/11/01/2003 [147180, 154192, 154387, 156653, 160438, 163030, 163343, 163880, 166294, 99179, 136474, 146876], 106.263/11/01/2001 [99179]
04LBA006A	LOADING: BARGE	23271, PSDTX1416
04LDR020B	DRUM LOADING OF DCH	23271, PSDTX1416
04LDR022C	DRUM LOADING OF CRUDE HMI	23271, PSDTX1416
04LDR022D	DRUM LOADING OF REFINED HMI	23271, PSDTX1416
04LDR025B	DRUM LOADING OF CRUDE DCH	23271, PSDTX1416
04LDR028B	DRUM LOADING OF REFINED HMD	23271, PSDTX1416
04LDR033D	DRUM LOADING OF BHMT	23271, PSDTX1416
04LDR036B	DRUM LOADING OF CRUDE MGN	23271, PSDTX1416
04LDR037B	DRUM LOADING OF REFINED MGN	23271, PSDTX1416
04LRC006	RAILCAR LOADING	23271, PSDTX1416, 106.261/11/01/2003 [76575], 106.262/11/01/2003 [76575]
04LTR018	TRUCK LOADING SPOT	23271, PSDTX1416, 106.261/11/01/2003 [76575], 106.262/11/01/2003 [76575]
04RSY600	SYNTHESIS CONVERTERS	23271, PSDTX1416
04SEP001	OIL AND SAND SEPARATOR	23271, PSDTX1416
04TFX020	NORTH DCH TANK	23271, PSDTX1416
04TFX021	SOUTH DCH TANK	23271, PSDTX1416

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
04TFX022A	REFINED HMI STORAGE TANK	23271, PSDTX1416, 106.261/11/01/2003 [76575], 106.262/11/01/2003 [76575]
04TFX022B	REFINED DCH STORAGE TANK	23271, PSDTX1416, 106.261/11/01/2003 [76575], 106.262/11/01/2003 [76575]
04TFX023A	A HMD BLEND TANK	23271, PSDTX1416
04TFX023B	B HMD BLEND TANK	23271, PSDTX1416
04TFX023C	C HMD BLEND TANK	23271, PSDTX1416, 106.264/09/04/2000 [162330]
04TFX023D	D HMD BLEND TANK	23271, PSDTX1416
04TFX025	F CRUDE DCH TANK	23271, PSDTX1416
04TFX026	E HMD REWORK TANK	23271, PSDTX1416
04TFX027	WASTE ORGANIC TANK	23271, PSDTX1416
04TFX028	A REFINED HMD RECYCLE TANK	23271, PSDTX1416
04TFX029	B REFINED HMD RECYCLE TANK	23271, PSDTX1416
04TFX030A	A CRUDE HMD RECYCLE TANK	23271, PSDTX1416
04TFX030B	B CRUDE HMD RECYCLE TANK	23271, PSDTX1416
04TFX031	RECYCLE WATER TANK	23271, PSDTX1416
04TFX033A	TAILS CONCENTRATOR TANK	23271, PSDTX1416
04TFX033B	N112 TANK	23271, PSDTX1416, 106.472/09/04/2000
04TFX033C	HMI STORAGE TANK	23271, PSDTX1416
04TFX033D	BHMT STORAGE TANK	23271, PSDTX1416
04TFX033E	CRUDE DCH TANK	23271, PSDTX1416

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
04TFX034A	BIG A CRUDE HMD TANK	23271, PSDTX1416
04TFX034B	BIG B CRUDE HMD TANK	23271, PSDTX1416
04TFX044	HMD PRETREATER TANK	23271, PSDTX1416
04TFX504	SPECIALTY PRODUCTS SUMP	23271, PSDTX1416
04TFX506	AQUEOUS WASTE TANK	23271, PSDTX1416
04TFX508	PERMEATE TANK	23271, PSDTX1416
04VNT007	SYNTHESIS PROCESS VENT	23271, PSDTX1416
04VNT009	REFINING PROCESS VENT	23271, PSDTX1416
04VNT013	REFINING JET CONDENSER VENT	23271, PSDTX1416
08CLF012	CLARIFIER NO 1 TANK	31376
08CLF013	CLARIFIER NO 2 TANK	31376
08CLT004	COOLING TOWER NO. 1 INFLUENT	31376
08CLT005	MIXED LIQUOR COOLING TOWER	31376
08RXN006	ANAEROBIC BIOTREATER A	31376
08RXN007	ANAEROBIC BIOTREATER B	31376
08RXN008	AEROBIC BIOTREATER A	31376
08RXN009	AEROBIC BIOTREATER B	31376
08SMP018	DEWATERING BLD SUMP	31376
08TFX001	ACIDS EQUALIZATION TANK	31376
08TFX002	ADN EQUALIZATION TANK	31376, 106.472/09/04/2000
08TFX016	SLUDGE STORAGE TANK	31376

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
08TNK010	HEAD TANK 1	31376
08TNK011	HEAD TANK 2	31376
10CLT040	COOLING TOWER	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS039A	BORON RECOVERY COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [163531], 106.262/11/01/2003 [163531]
10DIS205	STEP 1 BD COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS218	SI PN FLASHER	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS227	NH3 BLOWDOWN VAPORIZER	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS240	WATER REMOVAL COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS241	3PN COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS242	CRC COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS243	2PN COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS244	VACUUM RAFFINATE FLASHER	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS245	RECYCLE “L” COLUMN SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10DIS301	S1 RL COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY203	SI PURGE CONC. COLUMN SYS.	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY206	HCN RECOVERY SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY207	ISOM. FLASHER SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY208	SII CYANE RECOVERY SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY211	REFINED ADN COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10DSY211-2	DN-2 COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY212	REFINED ADN COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY212-2	ADN-2 COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY213	NH3 STRIPPER COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY214	NH3 ENRICHER COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY215	SI LOW BOILER COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY216	SI 2M3 COLUMN	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY217	WFE SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10DSY230	FLASHER SEPARATOR NAOH DIGESTION SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10ENG001	ADN HCN EMERGENCY GENERATOR	106.511/09/04/2000
10ENG002	STEP 1 ECC EMERGENCY GENERATOR	106.511/09/04/2000
10FLR001	#1 CONVERTER START-UP FLARE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLR002	#2 CONVERTER START-UP FLARE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLR003	#3 CONVERTER START-UP FLARE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLR003A	#4 CONVERTER START-UP FLARE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLR004	NH3 START-UP FLARE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLR004A	NH3 TANK FLARE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLR004B	BUTADIENE FLARE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLR005	ADN OPERATING FLARE	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [163531], 106.262/11/01/2003 [163531]

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10FLRALT	ALT FLARE FOR 10FLR005 USE DURING MAINTENANCE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLRTMP	TEMP USE FLARE FOR USE DURING 10FLR005 MAINTENANCE	7186, GHGPSDTX145M1, PSDTX1079M2
10FLT063	NICKEL ADDITION BAG FILTER	7186, GHGPSDTX145M1, PSDTX1079M2
10FLT063A	NICKEL VACUUM SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10FLT064	PROMOTER DUMP DUST COLLECTOR	7186, GHGPSDTX145M1, PSDTX1079M2
10FLT065	NICKEL DUMP FILTER	7186, GHGPSDTX145M1, PSDTX1079M2
10FLT067	CATALYST TRANSLOADING BAG FILTER	106.262/11/01/2003 [165831]
10FUG	FUGITIVES	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [122233, 134439, 151197, 160437, 172447, 172762, 162917, 163344, 163501, 163502, 163531, 163729, 166286, 167600, 167794, 167926, 169118, 169856, 173667, 174442, 174702], 106.262/11/01/2003 [122233, 134439, 160437, 162917, 163344, 163501, 163502, 163531, 166286, 167600, 167794, 167926, 169118, 169856, 172447, 172762, 173667, 174442, 174702], 106.472/09/04/2000
10FUG2	FUGITIVES FROM ADN 311 AREA	7186, GHGPSDTX145M1, PSDTX1079M2
10LBA061C	BUTADIENE BARGE UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LBA061D	NH3 BARGE UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LRC041A	ADN RAILCAR LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LRC041B	ADN LOAD/UNLOAD	7186, GHGPSDTX145M1, PSDTX1079M2
10LRC041C	ADN RAILCAR LOADING	7186, GHGPSDTX145M1, PSDTX1079M2

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10LRC041D	STEP 1 FRESH LIGAND RAILCAR UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LRC041E	MGN RAILCAR LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LRC041G	MGN RAILCAR UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LRC060	STEP II FRESH LIGAND RAILCAR UNLOAD	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR036	REF MGN TRUCK LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR056A	CRUDE CRESOL LOADING	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [163531], 106.262/11/01/2003 [163531]
10LTR056B	2PN MAKE TRUCK LOADING	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [166572], 106.262/11/01/2003 [166572]
10LTR056C	DN TAILS LOADING/UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR056E2	RAFFINATE LOADING/UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR056F2	RAFFINATE LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR056G	DILUTE WFE LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR056H	STEP II FRESH CATALYST TRUCK LOADING AND UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [174442], 106.262/11/01/2003 [174442]
10LTR056J	STEP II FRESH LIGAND TRUCK UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR056K	STEP II RECYCLE LIGAND TRUCK LOADING AND UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR056L	ZNCL2 OR PROMOTOR SOLUTION TRUCK LOAD/UNOLOAD	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061A	BENZENE NGL LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061D	LOW BOILER WASTE LOADING	7186, GHGPSDTX145M1, PSDTX1079M2

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10LTR061E	AMMONIUM PHOSPHATE LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061F	METHANOL UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061G2	2M3BN TECH GRADE TRUCK LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061I	SIDEDRAW 2M3BN LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061L	2PN TRUCK LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061P	STEP 1 FRESH CATALYST TRUCK LOADING AND UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [174442], 106.262/11/01/2003 [174442]
10LTR061Q	STEP 1 FRESH LIGAND TRUCK UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2, 106.472/09/04/2000
10LTR061R	STEP 1 RECYCLE LIGAND TRUCK LOADING AND UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR061S	2M3 COLUMN TAILS LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR071	HCL SOLUTION LOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR072	MDEA TRUCK LOADING/UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR073	METHANOL BRINE TRUCK LOADING/UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR074	ANTI-FOULANT UNLOADING	7186, GHGPSDTX145M1, PSDTX1079M2
10LTR087	OIL STORAGE SKID LOAD/UNLOAD	7186, GHGPSDTX145M1, PSDTX1079M2
10MSV260	BD MOLE SIEVE	7186, GHGPSDTX145M1, PSDTX1079M2
10MSV261	BD MOLE SIEVE	7186, GHGPSDTX145M1, PSDTX1079M2
10NGP	NATURAL GAS PURIFICATION PLANT	7186, GHGPSDTX145M1, PSDTX1079M2
10RCT201A	SII A REACTOR	7186, GHGPSDTX145M1, PSDTX1079M2
10RCT202	SI PARTIAL ISOM REACTOR	7186, GHGPSDTX145M1, PSDTX1079M2

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10RCT221	SI PURGE ISOM. REACTOR	7186, GHGPSDTX145M1, PSDTX1079M2
10RCT222	SI CATALYST REACTOR	7186, GHGPSDTX145M1, PSDTX1079M2
10RCT223	SII FBN REACTOR	7186, GHGPSDTX145M1, PSDTX1079M2
10RCT228	E. CAUSTIC DIGESTER	7186, GHGPSDTX145M1, PSDTX1079M2
10RCT229	W. CAUSTIC DIGESTER	7186, GHGPSDTX145M1, PSDTX1079M2
10RCT301	S2 CATALYST REACTOR	7186, GHGPSDTX145M1, PSDTX1079M2
10RPF001	ROTARY PRECOAT FILTER 1	7186, GHGPSDTX145M1, PSDTX1079M2
10RPF002	RPF CONVEYOR/BAGGER 1	7186, GHGPSDTX145M1, PSDTX1079M2
10RSY200	SI REACTION SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10RSY201	SII REACTION SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10RSY219-1	HCN CONVERTER 1	7186, GHGPSDTX145M1, PSDTX1079M2, 106.264/09/04/2000 [164298]
10RSY219-2	HCN CONVERTER 2	7186, GHGPSDTX145M1, PSDTX1079M2
10RSY219-3	HCN CONVERTER 3	7186, GHGPSDTX145M1, PSDTX1079M2
10RSY219-4	HCN CONVERTER 4	7186, GHGPSDTX145M1, PSDTX1079M2
10RSY220	SI ISOM. REACTOR SYSTEM	7186, GHGPSDTX145M1, PSDTX1079M2
10SEP251	ISOM MOLE SIEVE DRAIN TANK (STEP 1 AREA)	7186, GHGPSDTX145M1, PSDTX1079M2
10SEP252	BENZENE DECANTER	7186, GHGPSDTX145M1, PSDTX1079M2
10SMP048	HCN SOUTH SUMP (CLOSED SMP)	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX006A	CRUDE PN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX006B	2M3 STG. TANK	7186, GHGPSDTX145M1, PSDTX1079M2

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10TFX006C	2M3 STG. TANK #2	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX006D	LOW BOILER FEED TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX006E	LOW BOILER WASTE TK	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [163531], 106.262/11/01/2003 [163531]
10TFX006F	NORTH RECYCLE PN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX008	CAT PURGE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX009	BENZENE/NGL TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX010	FRESH LIGAND TANK	7186, GHGPSDTX145M1, PSDTX1079M2, 106.472/09/04/2000
10TFX011	S1 MULTIPURPOSE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX012	CAT BLEND TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX013	2M3BN SIDEDRAW TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX015	S2 EXTRACT TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX015A	SI RAFFINATE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX016	S2 RECYCLE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX017	S2 FRESH CATALYST TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX018	S2 CYANE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX019	S1 RECYCLE LIGAND TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX020	S2 FRESH LIGAND TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX020A	S2 MULTIPURPOSE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX021	N. RAFFINATE TK	7186, GHGPSDTX145M1, PSDTX1079M2

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
10TFX021B	RAFFINATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX021C	RAFFINATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX022	SOUTH RECYCLE PN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX023	S2 FLASHER MAKE STG TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX024	MGN STG. TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX025A	SOUTH WFE FD TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX025B	NORTH WFE FD TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX026	NORTH REFINED PN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX026A	SOUTH REVINED PN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX027	REF ADN TANK NO. 1	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX028	REF ADN TANK NO. 2	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX029	REF ADN TANK NO. 3	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX030	REF ADN TANK NO. 4	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX031	REF ADN TANK NO. 5	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX032	REF ADN TANK NO. 6	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX032B	REF ADN TANK NO. 7	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX033	NORTH RAFF SPHERE-MULTIPUR TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX034A	MIDDLE RAFF SPHERE-MULTIPUR TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX034B	SOUTH RAFF SPHERE-MULTIPUR TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX035A	TG MGN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX035B	2PN M/P 1A TANK	23271, PSDTX1416

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**
10TFX035C	2PN MULTIPUR 1C TANK	23271, PSDTX1416
10TFX035D	2PN MULTIPUR 1B TANK	23271, PSDTX1416
10TFX036	REF MGN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX036A	PROMOTER PN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX037	CRUDE DN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX037A	CRUDE MGN TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX038	ETHYLENE GLYCOL TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX039	CRUDE CRESOL TK	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003 [163531], 106.262/11/01/2003 [163531]
10TFX042	S1 FRESH CATALYST	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX043	S1 EXTRACT TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX044	S1 CYANE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX045	NORTH ZNCI2 SOLUTION TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX046	SOUTH ZNCI2 SOLUTION TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX047	METHANOL TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX049A	METHANOL MIX TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX049B	METHANOL SOLUTION TK (20%)	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX049C	METHANOL SOLUTION TK (70%)	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX053	CATALYST PURGE TANK #3	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX057	ADN STORM WATER FIRST FLUSH TANK	7186, GHGPSDTX145M1, PSDTX1079M2

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**
10TFX059	AMMONIUM SALT TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX060	NACN STORAGE TK	106.472/09/04/2000
10TFX067	PRODUCED WATER TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX068	UNICHEM 7415 TANK	106.472/03/14/1997
10TFX071	EAST BFW CHEM. ADDITION TK	106.371/09/04/2000
10TFX072	WEST BFW CHEM. ADDITION TK	106.371/09/04/2000
10TFX080	ADN STG	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX085	MDEA - AMINE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX086	ANTI-FOULANT TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX300	SI ORGANICS SUMP	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX301	SII ORGANICS SUMP	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX302	REF. ORGANICS SUMP	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX305	NORTH PUMP TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX306	SOUTH PUMP TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX307	BD HUT	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX309	SI CENTRATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX312	SII #1 CENTRATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX313	SII #2 CENTRATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX314	SII #3 CENTRATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX315	SII #4 CENTRATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX316	PN MIX TK	7186, GHGPSDTX145M1, PSDTX1079M2

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**
10TFX319	#1 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX320	#2 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX321	#3 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX322	#4 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX323	SII #5 CENTRATE TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX326	ADN SEAL FLUSH TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX327	#3 TANK FARM PN SEAL FLUSH TK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX328	#1 TANK FARM R.O.T.	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX329	#2 TANK FARM R.O.T.	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX330	#3 TANK FARM R.O.T.	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX335	S1 EXTRACTION HUT	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX336	S2 EXTRACTION HUT	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX338	NORTH SETTLER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX339	EAST MIXER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX340	WEST MIXER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX341	SOUTH SETTLER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX342	#6 CENTRATE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX343	RAFFINATE MIXER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX344	STAGE 1 SETTLER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX345	STAGE 3 MIXER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX350	PRETREATMENT R.O.T.	7186, GHGPSDTX145M1, PSDTX1079M2

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**
10TFX351	PRETREATMENT MGN FLUSH TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX352	ADN OP FLARE ORGANIC SUMP	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX353	NGP ORGANIC SUMP	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX380	52 CATALST FILTRATE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX381	PROMOTER MIX TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX383	STAGE 1 MIXER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX384	STAGE 2 MIXER	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX385	ADN FEED TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10TFX386	S1 RL COLUMN MAKE TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10VNT001	FEED GAS ANALYZER VENT	7186, GHGPSDTX145M1, PSDTX1079M2
10VNT002	HCN SAMPLE BLOWER VENT	7186, GHGPSDTX145M1, PSDTX1079M2
10VNT003	BD COLUMN GC	7186, GHGPSDTX145M1, PSDTX1079M2
10WTU237	HCN NEUTRALIZATION TANK	7186, GHGPSDTX145M1, PSDTX1079M2
10XTR333	EXTRACTOR	7186, GHGPSDTX145M1, PSDTX1079M2
11LTR067A1	ADN WASTE ORGANICS LOADING	23271, PSDTX1416, 106.261/11/01/2003 [163881], 106.262/11/01/2003 [163881]
11LTR067A2	BENZENE FLASHER MAKE LOADING	23271, PSDTX1416, 106.261/11/01/2003 [163881], 106.262/11/01/2003 [163881]
11LTR067A3	DILUTE WFE LOADING	23271, PSDTX1416, 106.261/11/01/2003 [163881], 106.262/11/01/2003 [163881]
11LTR078A	SELF LEACHATE TANK TRUCK LOADING	23271, PSDTX1416, 106.472/09/04/2000
11ODP055B	ORGANICS DUMPSTER	7186, GHGPSDTX145M1, PSDTX1079M2

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**
11PRC063PV	BZ FLASHER/LEACHATE CONCENTRATOR PROCESS VENT	23271, PSDTX1416, 106.261/11/01/2003, 106.262/11/01/2003
11PRC066	NORTH ORGANICS TANK (DECANTER)	23271, PSDTX1416
11SEP055A	API DECANTER	7186, GHGPSDTX145M1, PSDTX1079M2
11SMP081	MISC. SLURRIES SUMP	23271, PSDTX1416
11TFX018	EAST NITRILE AWST	23271, PSDTX1416, 106.261/11/01/2003 [157983], 106.262/11/01/2003 [157983]
11TFX019	WEST NITRILE AWST	23271, PSDTX1416, 106.261/11/01/2003 [157983], 106.262/11/01/2003 [157983]
11TFX036	HCN/HMD AWST	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX047	HCN HUT	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX048	NITRILE HUT	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX049	EAST BZ RECEIVER	23271, PSDTX1416
11TFX050	WEST BZ RECEIVER	23271, PSDTX1416, 106.261/11/01/2003, 106.262/11/01/2003
11TFX051	RPF EAST FD TK	23271, PSDTX1416
11TFX052	RPF WEST FD TK	23271, PSDTX1416
11TFX053	RPF FILTRATE TANK #1	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX055	311 AREA WASTEWATER TANK	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX064	NETZ. FILTER FD. TK.	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX067	SOUTH ORGANIC TANK	23271, PSDTX1416, 106.261/11/01/2003 [146876], 106.262/11/01/2003 [146876]

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**
11TFX070	NETZ. EFFLUENT TK	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX076	WASTE COLLECTION	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX077	WASTE LIFT TK	7186, GHGPSDTX145M1, PSDTX1079M2
11TFX078	SELF LEACHATE TANK	23271, PSDTX1416, 106.261/11/01/2003 [146503], 106.262/11/01/2003 [146503]
11TFX082	ORGANIC COLLECTION TANK	23271, PSDTX1416
11TFX083	WET ORGANICS TANK	23271, PSDTX1416
11TFX153	PRECOAT TANK #1	7186, GHGPSDTX145M1, PSDTX1079M2
11TFXTMP	BOOSTER PUMP DIESEL TANK	106.472/09/04/2000
13CAD001	SELF KNOCKOUT POT CARBON CANISTERS	106.261/09/04/2000 [47610]
13CAD002	SELF CELL 4/5 CARBON CANISTERS	106.261/09/04/2000 [47610]
13ENG001	WATER PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG002	WATER PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG005	EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
13ENG006	EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
13ENG007	EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
13ENG008	EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
13ENG009	EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
13ENG00B	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00C	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00D	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000

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**
13ENG00E	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00F	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00G	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00GA	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00H	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00J	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00K	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00L	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00M	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00N	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00O	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG00P	FIRE PUMP ENGINE	106.263/11/01/2001, 106.511/09/04/2000
13ENG010	EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
13ENG011	EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
13LTROST	NG CONDENSATE LOADING	106.473/09/04/2000
13TFX200	KLARAID TANK	106.472/09/04/2000
13TFXDIESEL	DIESEL TANK	106.472/09/04/2000
13TFXOST70	NG CONDENSATE TANK	106.473/09/04/2000
13TFXOST71	NG CONDENSATE TANK	106.473/09/04/2000
16DSD001	HYDROGEN PLANT DESULFURIZATION DRUM	23271, PSDTX1416
16ENG012	CCR EMERGENCY GENERATOR ENGINE	106.511/09/04/2000

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**
16STK001	HYDROGEN REFORMER STACK	23271, PSDTX1416
16TFX005	MDEA TANK	23271, PSDTX1416
16TFX006	MDEA TANK	23271, PSDTX1416
16TFX521	DILUTE AMINE HUT	106.261/11/01/2003, 106.472/03/14/1997
16TFX522	AMINE STORAGE TANK	106.261/11/01/2003, 106.472/03/14/1997
16VNT002	AMINE STRIPPER VENT	23271, PSDTX1416
16VNT004	HYDROGEN PLANT VENT	23271, PSDTX1416
PRO-ADN	ADN PROCESS	7186, GHGPSDTX145M1, PSDTX1079M2, 106.261/11/01/2003, 106.262/11/01/2003

**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.

Alternative Requirement

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 28, 2016

MR JAMES E ROBERTSON
AND/LDAR CSO
INVISTA SARL
PO BOX 2626
VICTORIA TX 77902-2626

Re: Revision to Alternative Method of Compliance (AMOC) No. 58
Test Waiver And Alternative Monitoring Plan for Hydrogen Cyanide (HCN)
INVISTA S.À.R.L.
Regulated Entity Number: RN102663671
Customer Reference Number: CN602582231
Associated Permit Numbers: 7186, GHGPSDTX145, PSDTX1079M2, and O1415

Dear Mr. Robertson:

This correspondence is in response to Invista S.à.r.l.'s (Invista) December 14, 2016 request to update the previously approved test waiver and alternative monitoring for compliance with 40 CFR 63, Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards (Generic MACT). Specifically, this request adds planned maintenance, start-up and shutdown (MSS) scenarios with scrubber liquid temperature as high as 65 ºC.

We understand that two affected Hydrocyanic Acid (HCN) pumps send streams to condensers, and then to a single caustic scrubber, which the Generic MACT requires to have 98% control of total hazardous air pollutants (HAPs). Corresponding initial performance sampling to establish parametric ranges for continuous monitoring of specific gravity and temperature is also required. Invista had requested to waive the initial performance sampling and to use continuous monitoring of the flow rate instead of specific gravity of the scrubbing liquid.

The vent streams controlled by the scrubber contain a substantial amount of cyanide (as much as 35%) and testing would create an unreasonable safety hazard. Because HCN is miscible in water, there is little to no discernable change in specific gravity of the scrubbing liquid and the monitoring of this parameter would not provide definitive performance demonstration. Instead, based on the engineering analysis as well as design and operation of the scrubber, continuous monitoring and recordkeeping of daily averages of the scrubber's liquid temperature (maximum 30ºC during normal operations and 65ºC during MSS) and liquid flow rate (minimum 16,000 lbs/hr) is proposed.

Consistent with the alternative demonstration method in the regulations for flares, Invista provided an engineering analysis through a process simulation program (ASPEN® model) to show that scrubber will effectively control emissions (99.89%) to meet the standard (98%) under these worst-case conditions during normal operations and MSS.

Re: Permit Numbers: 7186, GHGPSDTX145, PSDTX1079M2, and O1415

The Texas Commission on Environmental Quality (TCEQ) Executive Director has reviewed your supporting documentation and made a final decision to approve your request to waive the initial performance test and monitor flow rate and temperature to demonstrate compliance under both scenarios (maximum 30ºC during normal operations and 65ºC during MSS).

The TCEQ has been delegated authority to enforce the above cited standards in 40 CFR 63 (see 30 TAC §§113.100, 113.500, and 113.560) and is authorized to approve this waiver and AMP method. You are reminded that under §63.7(h)(5), approval of any waiver granted shall not abrogate the Administrator's authority under the Act or in any way prohibit the Administrator from later canceling the waiver.

This AMOC approval may supersede certain requirements or representations in Permit Nos. 7186, GHGPSDTX145, and PSDTX1079M2. To ensure effective and consistent enforceability, we request that Invista incorporate this AMOC into the permit(s) through submittal of alteration(s) no later than 90 days after this approval.

This approval may also change applicable requirements for the site, which are identified in the site operating permit (SOP) O1415. The TCEQ recommends the submittal of a SOP administrative revision if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

If you need further information or have any questions, please contact Ms. Anne Inman, P.E. at (512) 239-1276 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,

Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

cc: Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection Agency, Region 6, Dallas

Project Number: 262832

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 14, 2016

MR LANCE E THOMASSON
ENVIRONMENTAL MANAGER
INVISTA S.À.R.L. VICTORIA
PO BOX 2626
VICTORIA TXS 77902-2626

Re: Alternative Method of Compliance (AMOC) #64
Flare Performance Test Waiver
Regulated Entity Number: 102663671
Customer Reference Number: 602582231
Affected Permits: 23271, 20011, PSDTX1416, O1902

Dear Mr. Thomasson:

This correspondence is in response to Invista S.à.r.l.'s (Invista's) April 22, 2014 request to waive performance testing for the Hexamethylenediamine (HMD) Flare and use an alternative means of compliance with the following permits and regulations:

- New Source Review (NSR) Permit Numbers 23271, 20011, and PSDTX1416;
- 40 CFR 60, Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 (NSPS Kb);
- 40 CFR 61, Subpart FF National Emission Standard for Benzene Waste Operations, (NESHAP FF);
- 40 CFR 63 Subpart F National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry, (MACT F);
- 40 CFR 63 Subpart G National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry Process Vents, Storage Vessels, Transfer Operations, and Wastewater, (MACT G);
- 40 CFR 63 Subpart FFFF National Emission Standard for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, (MACT FFFF); and
- 30 TAC 115, Control of Air Pollution from Volatile Organic Compounds (VOCs).

Invista has requested to waive the performance testing requirements applicable to the HCN flare (EPN 04FLR-032), based upon 40 CFR 60, Subpart A, §60.8(b)(4) and/or 40 CFR 63, Subpart A, §63.7(e)(2)(iv). Invista requests to use continuous monitoring of the flow rate and heat content of the streams being combusted in the flare for compliance purposes. We understand that there are numerous streams and operating scenarios controlled by the HMD flare and testing is not practical.

Consistent with the alternative demonstration method in the regulations for flares, Invista provided an engineering analysis to show that the flare will effectively control emissions (98%) to meet the standards under a variety of worst-case conditions. The supplemental natural gas flow rate is continuously monitored by a Honeywell STD624 monitor and readings are taken every 15 minutes. The Texas Commission on Environmental Quality (TCEQ) Executive Director has reviewed your

supporting documentation and made a final decision to approve your request to waive the initial performance test and monitor flow rate and net heating value to demonstrate compliance for all current applicable permits as well as state and federal regulatory requirements. However, this approval does not cover any future actions as each situation needs to be evaluated independently.

The TCEQ has been delegated authority to enforce the above cited standards and is authorized to approve this waiver method. You are reminded that under §63.7(h)(5), approval of any waiver granted shall not abrogate the Administrator's authority under the Act or in any way prohibit the Administrator from later canceling the waiver. By copy of this letter we are informing the Environmental Protection Agency, Region 6, of this decision as required by TCEQ's delegation of authority.

This AMOC approval may supersede certain requirements or representations in Permit Nos. 23271, 20011, and PSDTX1416. To ensure effective and consistent enforceability, we request that Invista incorporate this AMOC into the permit(s) through submittal of an alteration no later than 90 days after this approval.

This approval may also change applicable requirements for the site, including existing testing and monitoring requirements which are identified in the SOP O1902. The TCEQ recommends the submittal of a complete SOP administrative revision if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

This action is taken under authority delegated by the Executive Director of the TCEQ. If you have any questions, please call Anne Inman, P.E., at (512) 239-1276, or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC 163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

Michael Wilson, P.E., Director
Air Permits Division
Office of Air

MPW/ai

cc: Mr. Mark Hansen, Acting Associate Director Air Programs, U.S. EPA Region 6, Dallas, TX

Project No. 254960

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 21, 2021

Mr. Bill King, Vice President of Operations
INVISTA Nylon Chemicals Americas, LLC
4600 Highway 421 North
Wilmington, North Carolina 28401

Via Email

Re: Request of Waiver for Performance Testing at:
INV Nylon Chemicals Americas Victoria Site, 2885 Old Bloomington Road N, Victoria (Victoria County), Texas
Regulated Entity No.: 102663671, TCEQ ID No.: VC0008Q, TCEQ AIR Permit No.: O-1902

Dear Mr. King,

INVISTA Nylon Chemicals Americas, LLC - INV Nylon Chemicals Americas Victoria Site (INVISTA) is granted a waiver from compliance testing of ADN Operating Flare (10FLR005). Based on the information provided in the waiver request letter, this facility has demonstrated satisfactory compliance with either the minimum heat or hydrogen content requirement and the maximum flare tip velocity requirement of 40 C.F.R. §§ 60.18 and 63.11. Continue to comply with the conditions of the waiver sent January 30, 2009, which you reference in the waiver request letter. For your convenience, the letter has been attached to this waiver approval letter.

On December 20, 2020, the Texas Commission on Environmental Quality (TCEQ) Region 14 Office received a request for waiver of performance testing on 10FLR005. The letter stated that the facility could demonstrate compliance with 40 C.F.R. §§ 60.18 and 63.11 by other appropriate means. INVISTA included attachment A to their submittal, which contains the calculated heat values and maximum flare tip velocities for six worst-case scenarios. Based on a review of the calculation, it was determined that INVISTA demonstrated compliance for all six worst-case scenarios presented. Additionally, INVISTA stated in their letter that during periods when hydrogen cyanide off-gas is routed to the flare, the testing would present a significant safety challenge. Further, INVISTA states that continuous monitoring of heat content, hydrogen content, and flow of the combine gas stream also constitutes an appropriate means of demonstrating continuous compliance.

Sincerely,

Kelly Ruble
Air Section Manager
Corpus Christi Region Office

KER/TR/mjd

Enclosure: "Testing Waiver Request for the ADN Operating Flare (EPN 10FLR-005)" dated January 30, 2009

cc: Mr. Jason Leigh, Technical Manager – via email

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
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares (7)	CO	1.29	5.66	8, 41	8, 41	41
		NH_3	0.01	0.03			
		NO_x	0.16	0.72			
		SO_2	0.01	0.04			
		VOC	0.28	1.23			
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares MSS (8)	CO	331.84	24.50	8, 40, 41	8, 25, 34, 40, 41	41
		NH_3	125.46	8.22			
		NO_x	133.24	9.79			
		SO_2	0.22	0.02			
		VOC	347.29	13.91			
10FLR-004	Ammonia Startup Flare	CO	0.19	0.80	8	8	
		NH_3	0.05	0.20			
		NO_x	0.03	0.10			
		SO_2	0.01	0.01			
		VOC	0.04	0.16			
10FLR-004	Ammonia Startup Flare MSS Emissions	CO	116.00	10.58	8, 40	8, 26, 34, 40	
		NH_3	95.80	8.75			
		NO_x	55.66	5.62			
		SO_2	0.13	0.02			

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Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

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Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		VOC	22.54	1.32			
10FLR-004A	Ammonia Tank Flare	CO	1.67	3.65	8	8	
		NH_3	0.47	0.80			
		NO_x	0.44	0.83			
		SO_2	0.02	0.02			
		VOC	0.63	1.61			
10FLR-004A	Ammonia Tank Flare MSS Emissions	CO	12.43	0.60	8, 40	8, 27, 34, 40	
		NH_3	21.33	0.54			
		NO_x	12.11	0.34			
		SO_2	<0.01	<0.01			
		VOC	4.94	0.28			
10FLR-004B	Butadiene Flare	CO	9.32	10.51	8, 41	8, 41	41
		NO_x	2.21	3.65			
		SO_2	0.01	0.02			
		VOC	2.74	3.40			
10FLR-004B	Butadiene Flare MSS Emissions	CO	15.61	1.59	8, 40, 41	8, 28, 34, 40, 41	41
		NO_x	5.23	0.29			
		SO_2	0.03	0.01			
		VOC	9.64	0.53			

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Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-005	Adiponitrile Flare	CO	1,637.74	2,569.39	8, 41	8, 41	41
		NH_3	1.32	1.04			
		NO_x	141.16	184.34			
		SO_2	0.04	0.08			
		VOC	624.33	518.06			
		HCN	0.01	0.01			
10FLR-005	Adiponitrile Flare MSS Emissions	CO	1,069.32	81.50	8, 33, 40, 41	8, 29, 34, 41	41
		NH_3	0.01	0.01			
		NO_x	231.63	14.00			
		SO_2	0.63	0.07			
		VOC	1,042.13	65.17	8, 33, 41	8, 29, 34, 41	41
10FLR-TMP	TEMP Flare (6)	CO	1.98	0.32	8	8, 15, 30, 34	
		NH_3	0.05	0.01			
		NO_x	0.41	0.07			
		SO_2	0.01	0.01			
		VOC	2.97	0.47			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-ALT	Alternative Flare for 10FLR-005	CO	5.56	1.96	8	8, 15, 30, 34	
		NH_3	0.05	0.02			
		NO_X	0.89	0.29			
		SO_2	<0.01	<0.01			
		VOC	6.36	2.18			
10FLRALTF	Fugitives from Alternative Flare for 10FLR-005 (5)	NH_3	0.02	0.01	22	22	22
		VOC	1.89	0.01	21	21	21
10CLT-040	Cooling Tower	NH_3	3.83	16.75			
		PM_{10}	1.10	4.21	24	24	
		VOC	3.83	16.75	23	23	
10FUG	ADN Fugitives (5)	CO	0.17	0.53			
		H_2S	0.01	0.01			
		NH_3	2.48	8.07	22	22	22
		VOC	53.85	194.03	21	21	21
		HCN	0.02	0.02	22	22	22
10FUG	ADN Fugitives (5) MSS Emissions	CO	0.01	0.01		34	
		NH_3	0.01	0.01	22	22, 34	22

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

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Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		VOC	0.04	0.15	21, 36	21, 34, 36	21
10FUG2	311 Fugitives (5)	HCl	0.02	0.07			
		NH_3	0.03	0.06	22	22	22
		VOC	1.26	5.41	21	21	21
10FUGMSS2	Ammonia Flare 10FLR004A, propane supplemental and pilot	VOC	0.38	0.02	8, 41	8, 41	41
10MSS-001	MSS in ADN Area MSS Emissions	CO	0.02	0.01	40	34, 40	
		CL_2	0.06	0.01			
		H_2O_2	0.01	0.01			
		HCl	0.08	0.01			
		NH_3	2.13	0.02			
		VOC	164.93	3.23	35, 36, 40	34, 35, 36, 38, 40	
10MSS-002	MSS in 311 Area MSS Emissions	HCl	6.26	0.06	40	34, 40	
		NH_3	2.20	0.05			
		VOC	7.32	0.42	35, 36, 40	34, 35, 36, 38, 40	
10FLT-063	Nickel Addition Bag	PM_{10}	0.01	0.01	18, 19	19	
10FLT-063A	Nickel Powder Vacuum System	PM_{10}	0.05	0.01	18, 19	19	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
10LBA-061B	ADN Barge Loading	VOC	0.18	0.06	10	9	
10LBA-061D	NH_3 Barge Loading	NH_3	0.69	0.05	10		
10LDR-326A	ADN Drum Loading	VOC	0.01	0.01	10	9	
10LDR-326B	2M3BN Drum Loading	VOC	0.01	0.01	10		
10LRC-041A	ADN Railcar Loading	VOC	0.02	0.02	10	9	
10LRC-041B	ADN Load/Unload	VOC	0.02	0.02	10	9	
10LRC-041C	ADN Railcar Loading	VOC	0.02	0.02	10	9	
10LRC-041E	MGN Railcar Loading	VOC	0.09	0.02	10	9	
10LRC-041F	2PN Railcar Degassing	VOC	9.42	0.18	35, 36, 40	35, 36, 40	
10LTR-036	REF MGN Truck	VOC	0.04	0.02	10, 11	9, 11	
10LTR-056	No. 3 Tank Farm Truck	VOC	2.05	0.08	10, 11	9, 11	
10LTR-057	2PN Truck Unloading	VOC	0.04	0.01	10		
10LTR-061	Truck Loading	VOC	3.53	0.75	10, 11	9, 11	
		NH_3	0.05	0.02	10	9	
10LTR-062	Misc. Load/Unload	VOC	0.07	0.01	10		
10LTR-072	MDEA Truck Loading/Unloading	VOC	0.03	0.01	10	9	
10LTR-073	Methanol Brine Truck	VOC	0.32	0.01	10, 11, 14	9, 11, 14	
10LTR-074	Anti-foulant Unloading	VOC	0.01	0.01	10		
10LTR-087	Oil Unloading	VOC	0.01	0.01	10		

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			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
10SCB-154	HCl Scrubber	HCl	0.38	0.05	13	13	
10TFX-010	Fresh Ligand Tank	VOC	0.01	0.01	37	16, 17, 37	
10TFX-027	REF ADN Tank No. 1	VOC	0.21	0.04	37	16, 17, 37	
10TFX-028	REF ADN Tank No. 2	VOC	0.21	0.04	37	16, 17, 37	
10TFX-029	REF ADN Tank No. 3	VOC	0.21	0.04	37	16, 17, 37	
10TFX-030	REF ADN Tank No. 4	VOC	0.21	0.04	37	16, 17, 37	
10TFX-031	REF ADN Tank No. 5	VOC	0.21	0.04	37	16, 17, 37	
10TFX-032	REF ADN Tank No. 6	VOC	0.21	0.04	37	16, 17, 37	
10TFX-032B	REF ADN Tank No. 7	VOC	0.10	0.12	37	16, 17, 37	
10TFX-033	North Raffinate Sphere	VOC	17.39	0.70	37	16, 17, 37	
10TFX-034A	Middle Raffinate Sphere	VOC	17.39	0.70	37	16, 17, 37	
10TFX-034B	South Raffinate Sphere	VOC	17.39	0.70	37	16, 17, 37	
10TFX-035A	TG MGN Tank	VOC	1.49	0.56	37	16, 17, 37	
10TFX-036	REF MGN Tank	VOC	0.04	0.12	37	16, 17, 37	
10TFX-036A	Promoter PN Sphere	VOC	3.45	1.52	37	16, 17, 37	
10TFX-037	Crude DN/MGN Tank	VOC	0.07	0.02	37	16, 17, 37	
10TFX-037A	Crude MGN Sphere	VOC	0.31	0.11	37	16, 17, 37	
10TFX-038	Ethylene Glycol Tank	VOC	0.15	0.01	37	16, 17, 37	
10TFX-047	Methanol Tank	VOC	10.38	0.22	37	16, 17, 37	

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			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10TFX-049A	Methanol Solution Mix Tank	VOC	1.32	0.03	37	16, 17, 37	
10TFX-049B	Methanol Solution Tank (20%)	VOC	1.26	0.01	37	16, 17, 37	
10TFX-049C	Methanol Solution Tank (70%)	VOC	0.37	0.01	37	16, 17, 37	
10TFX-059	Ammonium Salt Tank	NH_3	0.08	0.01	37	16, 17, 37	
		VOC	0.02	0.01	37	16, 17, 37	
10TFX-067	Produced Water Tank	NH_3	0.03	0.02	37	16, 17, 37	
		VOC	0.01	0.01	37	16, 17, 37	
10TFX-080	Barge Dock REF ADN Tank	VOC	0.34	0.33	37	16, 17, 37	
10TFX-085	MDEA Amine Tank	VOC	0.01	0.01	37	16, 17, 37	
10TFX-086	Anti-foulant Tank	VOC	0.50	0.01	37	16, 17, 37	
10TFX-087	Oil Storage Skid	VOC	0.05	0.01	37	16, 17, 37	
10VNT-001	Feed Gas Analyzer Vent	NH_3	0.09	0.36			
		VOC	0.01	0.01			
10VNT-002	HCN Sample Blower Vent	CO	0.01	0.01			
		NH_3	0.19	0.01			
		VOC	0.26	0.01			
10VNT-003	BD Column GCs	VOC	0.02	0.02			
		HCN	0.01	0.01			

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			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10VNT-255	Pump Tank Scrubber and Closed Sump	CO	0.02	0.07	7	7	
		VOC	0.14	0.53	7	7	
10VNT-255	Pump Tank Scrubber and Closed Sump MSS	CO	0.01	0.01		31, 34	
		VOC	66.80	0.68			
11TFX-036	HCN/HMD AWST	NH_3	3.62	1.72	37	16, 17, 37	
		VOC	1.34	0.65	37	16, 17, 37	
11TFX-047	HCN/HMD HUT	NH_3	1.47	0.87	37	16, 17, 37	
		VOC	0.55	0.33	37	16, 17, 37	
11TFX-048	Nitrile HUT	NH_3	1.03	0.46	37	16, 17, 37	
		VOC	0.41	0.19	37	16, 17, 37	
11TFX-053	RPF Filtrate Tank No. 1	NH_3	0.17	0.05	37	16, 17, 37	
		VOC	0.01	0.01	37	16, 17, 37	
11TFX-055	311 Area Wastewater Tank	NH_3	0.21	0.06	37	16, 17, 37	
		VOC	0.05	0.02	37	16, 17, 37	
11SEP-055A	API Decanter	NH_3	0.18	0.05	37	16, 17, 37	
		VOC	0.05	0.02	37	16, 17, 37	
11ODP-055B	Organics Dumpster	VOC	0.01	0.01	37	16, 17, 37	
11TFX-064	NETZ Filter Feed Tank	NH_3	0.39	0.28	37	16, 17, 37	
		VOC	0.17	0.13	37	16, 17, 37	

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			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
11TFX-070	NETZ Effluent Tank	NH_3	0.47	0.31	37	16, 17, 37	
		VOC	0.20	0.14	37	16, 17, 37	
11TFX-076	Waste Collection Tank	NH_3	0.10	0.07	37	16, 17, 37	
		VOC	0.03	0.02	37	16, 17, 37	
11TFX-077	Waste Lift Tank	NH_3	0.01	0.01	37	16, 17, 37	
		VOC	0.01	0.01	37	16, 17, 37	
11TFX-153	Precoat Tank No. 1	NH_3	0.08	0.01	37	16, 17, 37	
		VOC	0.03	0.01	37	16, 17, 37	
10RPF-001	Rotary Precoat Filter No. 1	NH_3	1.93	3.44			
		VOC	0.28	0.54			
10RPF-002	RPF Conveyor/Bagger 1	NH_3	0.01	0.01			
		VOC	0.01	0.01			
10RPF-005	RPF Diatomaceous Earth Loading	PM_{10}	0.01	0.01			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					**Issuance Date: January 28, 2021**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares – Normal Operations (7)	CO	1.29	5.66	8, 41	8, 41	41
		NH_3	0.01	0.03			
		NO_x	0.16	0.72			
		SO_2	0.01	0.04			
		HCN	0.02	0.10			
		VOC	0.26	1.13			
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares MSS (8)	CO	331.84	24.50	8, 40, 41	8, 25, 34, 40, 41	41
		NH_3	125.46	8.22			
		NO_x	133.24	9.79			
		SO_2	0.22	0.02			
		HCN	341.40	13.08			
		VOC	5.89	0.83			
10FLR-004	Ammonia Startup Flare – Normal Operations	CO	0.19	0.80	8	8	
		NH_3	0.05	0.20			
		NO_x	0.03	0.10			
		SO_2	0.01	0.01			
		HCN	<0.01	<0.01			
		VOC	0.04	0.16			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
10FLR-004	Ammonia Startup Flare MSS	CO	116.00	10.58	8, 40	8, 26, 34, 40	
		NH_3	95.80	8.75			
		NO_x	55.66	5.62			
		SO_2	0.13	0.02			
		HCN	0.09	<0.01			
		VOC	22.45	1.32			
10FLR-004A	Ammonia Tank Flare – Normal Operations	CO	1.67	3.65	8	8	
		NH_3	0.47	0.80			
		NO_x	0.44	0.85			
		SO_2	0.01	0.01			
		VOC	0.45	1.31			
10FLR-004A	Ammonia Tank Flare MSS	CO	22.08	0.68	8, 40	8, 27, 34, 40	
		NH_3	21.33	0.54			
		NO_x	15.10	0.37			
		SO_2	0.03	0.01			
		VOC	8.71	0.30			
10FLR-004B	Butadiene Flare – Normal Operations	CO	9.32	10.51	8, 41	8, 41	41
		NO_x	2.21	3.65			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		SO_2	0.01	0.02			
		VOC	2.74	3.40			
10FLR-004B	Butadiene Flare MSS	CO	15.61	1.59	8, 40, 41	8, 28, 34, 40, 41	41
		NO_x	5.23	0.29			
		SO_2	0.03	0.01			
		VOC	9.64	0.53			
10FLR-005	Adiponitrile Flare (ADN Operating Flare) – Emissions from Continuous and Non-Continuous Vents from Normal Operation Only	CO	1760.42	2543.02	8, 41	8, 41	41
		NH_3	0.03	0.11			
		NO_x	155.81	183.21			
		SO_2	0.03	0.07			
		HCN	9.86	15.08			
		VOC	904.21	502.36			
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - MSS	CO	1067.26	81.58	8, 33, 40, 41	8, 29, 34, 41	41
		NH_3	0.24	0.01			
		NO_x	218.88	13.96			
		SO_2	0.63	0.07			
		HCN (10)	397.71	25.03			
		VOC	666.77	40.22			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
10FLR-TMP	Temporary-Use Flare for Vent Headers During Flare (EPN: 10FLR-005) Maintenance (6)	CO	1.98	0.32	8	8, 15, 30, 34	
		NH_3	0.05	0.01			
		NO_x	0.41	0.07			
		SO_2	0.01	0.01			
		HCN	0.06	0.01			
		VOC	2.91	0.46			
10FLR-ALT	Alternative Flare for 10FLR-005 Maintenance	CO	5.56	1.96	8	8, 15, 30, 34	
		NH_3	0.05	0.02			
		NO_x	0.89	0.29			
		SO_2	<0.01	<0.01			
		HCN	0.06	0.02			
		VOC	6.30	2.16			
10FLRALTF	Fugitives from Alternative Flare for Vent Headers During Flare 10FLR-005 Maintenance (5)	NH_3	0.02	0.01	22	22	22
		HCN	0.01	<0.01			
		VOC	1.88	0.01	21	21	21
10CLT-040	Cooling Tower	NH_3	3.83	16.75			
		PM	0.55	2.11	24	24	
		PM_{10}	0.30	1.18			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		$PM_{2.5}$	<0.01	<0.01			
		HCN	0.46	2.00			
		VOC	3.83	16.75	23	23	23
10FUG	ADN Fugitives (5)	CO	0.17	0.50			
		H_2S	0.01	0.01			
		NH_3	2.34	7.46	22	22	22
		HCN	1.84	6.13			
		VOC	55.95	204.30	21	21	21
10FUG	ADN Fugitives MSS Emissions (5)	CO	0.01	0.01		34	
		NH_3	0.01	0.01	22	22, 34	22
		HCN	<0.01	<0.01			
		VOC	0.04	0.15	21, 36	21, 34, 35, 36	21
10FUG2	311 Area Fugitives (5)	HCl	0.02	0.07			
		NH_3	0.03	0.06	22	22	22
		HCN	0.03	0.12			
		VOC	1.23	5.29	21	21	21
10FUGMSS2	Ammonia Flare 10FLR004A with propane supplemental and pilot fuel	VOC	0.38	0.02	8, 41	8, 41	41

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
10MSS-001	MSS Emissions in the ADN Area	CO	0.02	0.01	40	34, 40	
		Cl_2	0.06	0.01			
		H_2O_2	0.01	0.01			
		HCl	0.08	0.01			
		NH_3	5.38	0.03			
		HCN (10)	0.84	0.01			
		VOC	206.54	4.10	35, 36, 40	34, 35, 36, 38, 40	
10MSS-002	MSS Emissions in the 311 Area	HCl	6.26	0.06	40	34, 40	
		NH_3	1.15	0.02			
		HCN	0.12	<0.01			
		VOC	8.14	0.43	35, 36, 40	34, 35, 36, 38, 40	
10FLT-063	Nickel Addition Bag Filter	PM_{10}	0.01	0.01	18, 19	19	
10FLT-063A	Nickel Vacuum System	PM_{10}	0.05	0.01	18, 19	19	
10FLT-064	Promoter Dump Dust Collector	VOC	0.05	0.03	18, 19, 20	19, 20	
		PM	0.11	0.47			
		PM_{10}	0.11	0.47			
		$PM_{2.5}$	0.11	0.47			
10FLT-065	Nickel Dump Filter	PM	<0.01	<0.01	18, 19, 20	19, 20	

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
		PM_{10}	<0.01	<0.01			
		$PM_{2.5}$	<0.01	<0.01			
10LBA-061B	ADN Barge Loading	VOC	0.28	0.06	10	9	
10LBA-061D	NH_3 Barge Loading	NH_3	0.69	0.05	10		
10LDR-326A	ADN Drum Loading	VOC	<0.01	<0.01	10	9	
10LRC-041A	ADN Railcar Loading	VOC	0.03	0.01	10	9	
10LRC-041B	ADN Load/Unload	VOC	0.03	0.01	10	9	
10LRC-041C	ADN Railcar Loading	VOC	0.03	0.01		9	
10LRC-041E	MGN (Refined) and MGN (Crude) Railcar Loading	VOC	0.17	0.01	10	9	
		HCN	<0.01	<0.01			
10LTR-036	REF MGN Truck Loading	VOC	0.06	0.01	10, 11	9, 11	
10LTR-056	No. 3 Tank Farm Truck Spot	VOC	5.14	0.10	10, 11	9, 11	
		HCN	<0.01	<0.01	10	9	
10LTR-061	Truck Loading	VOC	5.12	0.92	10, 11	9, 11	
		NH_3	<0.01	<0.01	10	9	
		HCN	<0.01	<0.01			
10LTR-071	HCl Solution Loading	HCl	0.15	0.02	10		
10LTR-072	MDEA Truck Loading/Unloading	VOC	<0.01	<0.01	10, 11	9, 11	

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
10LTR-073	Methanol Brine Truck	VOC	0.20	<0.01	10, 11, 14	9, 11, 14	
10LTR-074	Anti-foulant Unloading	VOC	0.01	<0.01	10		
10LTR-087	Oil Unloading	VOC	<0.01	<0.01	10		
10SCB-154	HCl Scrubber	HCl	0.40	0.04	13	13	
10TFX-010	Fresh Ligand Tank	VOC	<0.01	<0.01	37	16, 17, 37	
10TFX-027	REF ADN Tank No. 1	VOC	0.27	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-028	REF ADN Tank No. 2	VOC	0.27	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-029	REF ADN Tank No. 3	VOC	0.27	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-030	REF ADN Tank No. 4	VOC	0.27	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-031	REF ADN Tank No. 5	VOC	0.27	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-032	REF ADN Tank No. 6	VOC	0.27	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-032B	REF ADN Tank No. 7	VOC	0.06	0.05	37	16, 17, 37	

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
		HCN	<0.01	<0.01			
10TFX-033	North Raffinate Sphere (9)	VOC	13.56	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-034A	Middle Raffinate Sphere (9)	VOC	13.56	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-034B	South Raffinate Sphere (9)	VOC	13.56	0.03	37	16, 17, 37	
		HCN	<0.01	<0.01			
10TFX-035A	TG MGN Tank	VOC	0.47	0.16	37	16, 17, 37	
		HCN	0.49	0.17			
10TFX-036	REF MGN Tank	VOC	0.19	0.11	37	16, 17, 37	
		HCN	0.08	0.09			
10TFX-036A	Promoter PN Sphere	VOC	5.14	2.27	37	16, 17, 37	
10TFX-037	Crude DN Tank	VOC	0.11	0.02	37	16, 17, 37	
		HCN	0.34	0.01			
10TFX-037A	Crude MGN Sphere	VOC	0.71	0.29	37	16, 17, 37	
		HCN	0.75	0.36			
10TFX-038	Ethylene Glycol Tank	VOC	0.18	<0.01	37	16, 17, 37	
10TFX-047	Methanol Tank	VOC	21.83	0.14	37	16, 17, 37	

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
10TFX-049A	Methanol Solution Mix	VOC	2.18	0.02	37	16, 17, 37	
10TFX-049B	Methanol Solution Tank (20%)	VOC	4.31	<0.01	37	16, 17, 37	
10TFX-049C	Methanol Solution Tank (70%)	VOC	3.27	<0.01	37	16, 17, 37	
10TFX-057	Storm Water Tank	VOC	0.08	<0.01	37	16, 17, 37	
		HCN	0.85	0.02	37	16, 17, 37	
10TFX-059	Ammonium Salt Tank	NH_3	0.08	<0.01	37	16, 17, 37	
		VOC	0.01	<0.01	37	16, 17, 37	
		HCN	<0.01	<0.01	37	16, 17, 37	
10TFX-067	Produced Water Tank	NH_3	0.01	<0.01	37	16, 17, 37	
		VOC	<0.01	<0.01	37	16, 17, 37	
		HCN	<0.01	<0.01	37	16, 17, 37	
10TFX-080	Barge Dock REF ADN Tank	VOC	0.45	0.18	37	16, 17, 37	
		HCN	<0.01	<0.01	37	16, 17, 37	
10TFX-085	MDEA Amine Tank	VOC	<0.01	<0.01	37	16, 17, 37	
10TFX-086	Anti-foulant Tank	VOC	0.97	<0.01	37	16, 17, 37	
10TFX-087	Oil Storage Skid	VOC	0.02	<0.01	37	16, 17, 37	
10VNT-001	Feed Gas Analyzer Vent	NH_3	0.09	0.36			

Major NSR Summary Table
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Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
		VOC	0.01	0.01			
		HCN	<0.01	<0.01			
10VNT-002	HCN Sample Blower Vent	CO	0.01	0.01			
		NH_3	0.19	0.01			
		VOC	0.01	<0.01			
		HCN	0.25	<0.01			
10VNT-003	BD Column Gas Chromatographs	VOC	0.01	0.01			
		HCN	<0.01	<0.01			
10VNT-255	Pump Tank Scrubber and Closed Sump	CO	0.02	0.07	7	7	
		VOC	0.14	0.53	7	7	
		HCN	<0.01	<0.01			
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO	0.01	0.01		31, 34	
		HCN	37.50	0.23			
		VOC	29.30	0.45			
11TFX-036	HCN/HMD AWST	NH_3	<0.01	<0.01	37	16, 17, 37	
		HCN	0.07	0.33	37	16, 17, 37	
		VOC	0.34	1.48			
11TFX-047	HCN/HMD HUT	NH_3	<0.01	<0.01	37	16, 17, 37	

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
		HCN	0.06	0.25	37	16, 17, 37	
		VOC	0.11	0.47			
11TFX-048	Nitrile HUT	NH_3	<0.01	<0.01	37	16, 17, 37	
		HCN	<0.01	0.01	37	16, 17, 37	
		VOC	0.34	1.48			
11TFX-053	RPF Filtrate Tank No. 1	NH_3	0.46	0.14	37	16, 17, 37	
		VOC	<0.01	<0.01	37	16, 17, 37	
11TFX-055	311 Area Wastewater Tank	NH_3	0.14	0.04	37	16, 17, 37	
		VOC	0.024	0.01	37	16, 17, 37	
11SEP-055A	API Decanter	NH_3	0.14	0.04	37	16, 17, 37	
		VOC	0.04	0.01	37	16, 17, 37	
11ODP-055B	Organics Dumpster	VOC	<0.01	<0.01	37	16, 17, 37	
11TFX-064	NETZ Filter Feed Tank	NH_3	<0.01	<0.01	37	16, 17, 37	
		HCN	<0.01	<0.01	37	16, 17, 37	
		VOC	0.19	0.81			
11TFX-070	NETZ Effluent Tank	NH_3	0.06	0.04	37	16, 17, 37	
		HCN	0.01	<0.01	37	16, 17, 37	
		VOC	0.09	0.06			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Permit Number: 7186 and PSDTX1079M2					Issuance Date: January 28, 2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/ Application Information	Special Condition/ Application Information	Special Condition/ Application Information
11TFX-076	Waste Collection Tank	NH_3	0.11	0.07	37	16, 17, 37	
		HCN	0.01	0.01	37	16, 17, 37	
		VOC	0.17	0.12			
11TFX-077	Waste Lift Tank	NH_3	0.01	<0.01	37	16, 17, 37	
		HCN	<0.01	<0.01	37	16, 17, 37	
		VOC	<0.01	<0.01	37	16, 17, 37	
11TFX-153	Precoat Tank No. 1	NH_3	0.07	<0.01	37	16, 17, 37	
		HCN	<0.01	<0.01	37	16, 17, 37	
		VOC	0.02	<0.01			
10RPF-001	Rotary Precoat Filter No. 1	NH_3	1.93	3.44			
		VOC	0.28	0.54			
		HCN	<0.01	<0.01			
10RPF-002	RPF Conveyor/Bagger 1	NH_3	0.01	0.01			
		VOC	0.01	0.01			
10RPF-005	RPF Diatomaceous Earth	PM_{10}	0.01	0.01			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented

$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
Cl_2 - chlorine
H_2O_2 - hydrogen peroxide
HCl - hydrogen chloride
HCN - hydrogen cyanide
H_2S - hydrogen sulfide
NH_3 - ammonia

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) This flare is authorized to operate for 336 hours per year and only when Flare 10FLR-005 is shut down for maintenance during an ADN unit turnaround. (01/08)
(7) Only one converter can be in startup mode at a time.
(8) Converter startups are limited to 36 total for all converters in a rolling 12-month period. (01/08)
(9) Only one of the three Raffinate spheres will be filled at any time.
(10) For Maximum Allowable Emission Rate Tables (MAERT) dated August 9, 2016 and earlier, the HCN allowable emission rate was included with the VOC allowable emission rate limit. For subsequent amendments, modified sources emitting HCN shall represent this rate as a separate HCN limit for this emission point. During the next renewal application, an amendment application shall be submitted to separate all remaining HCN emissions still included in the VOC limit and included them as separate HCN limits by EPN in the MAERT. The VOC emission rate limit shall be reduced accordingly when HCN is reported as a separate limit. This note shall be deleted once all HCN emission rate limits are shown separately.
(11) Effective project milestones for the new allowable emission rates are specified in Attachment E of the Special Conditions.

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and GHGPSDTX145M1			Issuance Date: January 28, 2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares	CO_2 (5)	1,389.10	43	42, 43, 44, 45	43
		CH_4 (5)	3.41			
		N_2O (5)	0.02			
		CO_2e	1,480.31			
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares MSS	CO_2 (5)	3,773.39	43	42, 43, 44, 45	43
		CH_4 (5)	7.44			
		N_2O (5)	0.01			
		CO_2e	3,962.37			
10FLR-004	Ammonia Startup Flare	CO_2 (5)	196.87	43	42, 43, 44, 45	43
		CH_4 (5)	0.49			
		N_2O (5)	0.01			
		CO_2e	212.10			
10FLR-004	Ammonia Startup Flare	CO_2 (5)	1,673.50	43	42, 43, 44, 45	43

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and GHGPSDTX145M1			Issuance Date: January 28, 2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
	MSS Emissions	CH_4 (5)	4.13			
		N_2O (5)	0.01			
		CO_2e	1,779.73			
10FLR-004A	Ammonia Tank Flare	CO_2 (5)	466.97	43	42, 43, 44, 45	43
		CH_4 (5)	8.40			
		N_2O (5)	0.01			
		CO_2e	679.95			
10FLR-004A	Ammonia Tank Flare MSS Emissions	CO_2 (5)	118.03	43	42, 43, 44, 45	43
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	123.51			
10FLR-004B	Butadiene Flare	CO_2 (5)	4,171.65	43	42, 43, 44, 45	43
		CH_4 (5)	10.25			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and GHGPSDTX145M1			Issuance Date: January 28, 2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		N_2O (5)	0.01			
		CO_2e	4,430.88			
10FLR-004B	Butadiene Flare MSS Emissions	CO_2 (5)	460.53	43	42, 43, 44, 45	43
		CH_4 (5)	1.08			
		N_2O (5)	0.01			
		CO_2e	490.51			
10FLR-005	Adiponitrile Flare	CO_2 (5)	326,117.42	43	42, 43, 44, 45	43
		CH_4 (5)	98.78			
		N_2O (5)	1.76			
		CO_2e	329,111.40			
10FLR-005	Adiponitrile Flare MSS Emissions	CO_2 (5)	19,413.61	43	42, 43, 44, 45	43
		CH_4 (5)	29.31			
		N_2O (5)	0.02			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and GHGPSDTX145M1			**Issuance Date: January 28, 2021**			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		CO_2e	20,152.32			
10FLR-TMP	TEMP Flare	CO_2 (5)	91.81	43	42, 43, 44, 45	43
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	97.29			
10FLR-ALT	Alternative Flare for 10FLR-005	CO_2 (5)	544.91	43	42, 43, 44, 45	43
		CH_4 (5)	0.01			
		N_2O (5)	0.01			
		CO_2e	548.14			
10FUG	ADN Fugitives	CO_2 (5)	0.99	43	42, 43, 44, 45	43
		CH_4 (5)	14.57			
		CO_2e	365.24			
10FUG	ADN Fugitives MSS	CO_2 (5)	0.06	43	42, 43, 44, 45	43

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and GHGPSDTX145M1			Issuance Date: January 28, 2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
	Emissions	CH_4 (5)	0.01			
		CO_2e	0.31			
10MSS-001	MSS in ADN Area MSS Emissions	CO_2 (5)	0.18	43	42, 43, 44, 45	43
		CH_4 (5)	0.60			
		CO_2e	15.18			
10MSS-002	MSS in 311 Area MSS Emissions	CO_2 (5)	0.10	43	42, 43, 44, 45	43
		CO_2e	0.10			
10VNT-001	Feed Gas Analyzer Vent	CO_2 (5)	0.01	43	42, 43, 44, 45	43
		CH_4 (5)	0.28			
		CO_2e	7.01			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 7186 and GHGPSDTX145M1			**Issuance Date: January 28, 2021**			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10VNT-002	HCN Sample Blower Vent	CO_2 (5)	0.01	43	42, 43, 44, 45	43
		CH_4 (5)	0.01			
		CO_2e	0.26			
10VNT-003	BD Column GCs	CH_4 (5)	0.01	43	42, 43, 44, 45	43
		CO_2e	0.25			
10VNT-255	Pump Tank Scrubber and Closed Sump	CO_2 (5)	4.60	43	42, 43, 44, 45	43
		CH_4 (5)	0.01			
		CO_2e	4.85			
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO_2 (5)	0.25	43	42, 43, 44, 45	43
		CH_4 (5)	1.50			
		CO_2e	37.75			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 7186 and GHGPSDTX145M1			**Issuance Date: January 28, 2021**			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares - Normal Operations	CO_2 (5)	1389.10	43	42, 43, 44, 45	43
		CH_4 (5)	3.41			
		N_2O (5)	0.02			
		CO_2e	1480.31			
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares - MSS	CO_2 (5)	3773.39	43	42, 43, 44, 45	43
		CH_4 (5)	7.44			
		N_2O (5)	0.01			
		CO_2e	3962.37			
10FLR-004	Ammonia Startup Flare – Normal Operations	CO_2 (5)	196.87	43	42, 43, 44, 45	43
		CH_4 (5)	0.49			
		N_2O (5)	0.01			
		CO_2e	212.10			
10FLR-004	Ammonia Startup Flare -	CO_2 (5)	1673.50	43	42, 43, 44, 45	43

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 7186 and GHGPSDTX145M1			Issuance Date: January 28, 2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
	MSS	CH_4 (5)	4.13			
		N_2O (5)	0.01			
		CO_2e	1779.73			
10FLR-004A	Ammonia Tank Flare – Normal Operations	CO_2 (5)	466.97	43	42, 43, 44, 45	43
		CH_4 (5)	8.40			
		N_2O (5)	0.01			
		CO_2e	679.95			
10FLR-004A	Ammonia Tank Flare - MSS	CO_2 (5)	118.03	43	42, 43, 44, 45	43
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	123.51			
10FLR-004B	Butadiene Flare – Normal Operation	CO_2 (5)	4171.65	43	42, 43, 44, 45	43
		CH_4 (5)	10.25			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 7186 and GHGPSDTX145M1			Issuance Date: January 28, 2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		N_2O (5)	0.01			
		CO_2e	4430.88			
10FLR-004B	Butadiene Flare - MSS	CO_2 (5)	460.53	43	42, 43, 44, 45	43
		CH_4 (5)	1.08			
		N_2O (5)	0.01			
		CO_2e	490.51			
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - Emissions from Continuous and Non-Continuous Vents from Normal Operation Only	CO_2 (5)	320498.02	43	42, 43, 44, 45	43
		CH_4 (5)	82.98			
		N_2O (5)	1.74			
		CO_2e	323091.78			
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - MSS	CO_2 (5)	19448.28	43	42, 43, 44, 45	43
		CH_4 (5)	29.31			
		N_2O (5)	0.02			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 7186 and GHGPSDTX145M1			**Issuance Date: January 28, 2021**			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		CO_2e	20187.04			
10FLR-TMP	Temporary-Use Flare for Vent Headers During Flare (EPN: 10FLR-005) Maintenance	CO_2 (5)	91.81	43	42, 43, 44, 45	43
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	97.29			
10FLR-ALT	Alternative Flare for Vent Headers During Flare 10FLR-005 Maintenance	CO_2 (5)	544.91	43	42, 43, 44, 45	43
		CH_4 (5)	0.01			
		N_2O (5)	0.01			
		CO_2e	548.14			
10FUG	ADN Fugitives	CO_2 (5)	0.99	43	42, 43, 44, 45	43
		CH_4 (5)	14.57			
		CO_2e	365.24			
10FUG	ADN Fugitives – MSS	CO_2 (5)	0.06	43	42, 43, 44, 45	43

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 7186 and GHGPSDTX145M1			Issuance Date: January 28, 2021			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
	Emissions	CH_4 (5)	0.01			
		CO_2e	0.31			
10MSS-001	MSS in the ADN Area	CO_2 (5)	0.19	43	42, 43, 44, 45	43
		CH_4 (5)	0.60			
		CO_2e	15.20			
10MSS-002	MSS in the 311 Area	CO_2 (5)	0.10	43	42, 43, 44, 45	43
		CO_2e	0.10			
10VNT-001	Feed Gas Analyzer Vent	CO_2 (5)	0.01	43	42, 43, 44, 45	43
		CH_4 (5)	0.28			
		CO_2e	7.01			
10VNT-002	HCN Sample Blower Vent	CO_2 (5)	0.01	43	42, 43, 44, 45	43
		CH_4 (5)	0.01			
		CO_2e	0.26			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 7186 and GHGPSDTX145M1			**Issuance Date: January 28, 2021**			
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10VNT-003	BD Column Gas Chromatographs	CH_4 (5)	0.01	43	42, 43, 44, 45	43
		CO_2e	0.25			
10VNT-255	Pump Tank Scrubber and Closed Sump	CO_2 (5)	4.60	43	42, 43, 44, 45	43
		CH_4 (5)	0.01			
		CO_2e	4.85			
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO_2 (5)	0.25	43	42, 43, 44, 45	43
		CH_4 (5)	1.50			
		CO_2e	37.75			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
Cl_2 - chlorine
H_2O_2 - hydrogen peroxide
HCl - hydrogen chloride

HCN - hydrogen cyanide
H_2S - hydrogen sulfide
NH_3 - ammonia

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) This flare is authorized to operate for 336 hours per year and only when Flare 10FLR-005 is shut down for maintenance during an ADN unit turnaround. (01/08)
(7) Only one converter can be in startup mode at a time.
(8) Converter startups are limited to 36 total for all converters in a rolling 12-month period. (01/08)
(9) Only one of the three Raffinate spheres will be filled at any time.
(10) For Maximum Allowable Emission Rate Tables (MAERT) dated August 9, 2016 and earlier, the HCN allowable emission rate was included with the VOC allowable emission rate limit. For subsequent amendments, modified sources emitting HCN shall represent this rate as a separate HCN limit for this emission point. During the next renewal application, an amendment application shall be submitted to separate all remaining HCN emissions still included in the VOC limit and included them as separate HCN limits by EPN in the MAERT. The VOC emission rate limit shall be reduced accordingly when HCN is reported as a separate limit. This note shall be deleted once all HCN emission rate limits are shown separately.
(11) Effective project milestones for the new allowable emission rates are specified in Attachment E of the Special Conditions.

Major NSR Summary Table

Permit Number: 23271 and PSDTX1416					Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
16STK-001	Hydrogen Reformer Stack	CO	14.40	63.07	7, 9, 27	6, 7, 9, 27	
		NH_3	0.55	2.40			
		NO_X	10.80	47.30			
		PM	1.30	5.71			
		$PM_{2.5}$	1.30	5.71			
		PM_{10}	1.30	5.71			
		SO_2	0.03	0.11			
		VOC	0.94	4.13			
16VNT-002	Amine Stripper Vent	CO	7.17	29.88	27	27	
04FUG	Fugitives (5)	Boric Acid	<0.01	<0.01			
		CO	<0.01	<0.01			
		NH_3	0.33	1.46	18	18	
		VOC	9.80	42.89	16, 17, 18	16, 17, 18	16
		HCN	<0.01	0.01			
04LRC-006	Railcar Loading Scrubber Emissions	VOC	2.88	0.04	13, 14, 15	12, 13, 14	
04LRC-006F	Railcar Loading Uncaptured Emissions	VOC	2.88	0.04	15	12,14	
04VNT-013	Refining System Vent	NH_3	1.14	1.06			
		VOC	0.35	1.55			

Major NSR Summary Table

Permit Number: 23271 and PSDTX1416					Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
04LTR-018	Truck Loading Scrubber Emissions	NH_3	0.84	0.02	13, 14, 15	12, 13, 14	
		VOC	5.46	0.16			
04LTR-018F	Truck Loading Uncaptured Emissions	NH_3	0.22	0.01	15	12, 14	
		VOC	1.29	0.03			
04TVS-023	HMD Blend Tanks A-D Breather Pots	VOC	0.22	0.08	23	23	
04TFX-025	"F" Crude DCH Tank Breather Pot	NH_3	0.01	0.01	23, 31	23	
		VOC	11.56	2.86			
04TFX-028	"A" Refined Tank Breather Pot	VOC	0.10	0.01	23, 31	23, 31	
04TFX-029	"B" Refined Tank Breather Pot	VOC	0.10	0.01	23, 31	23, 31	
Combined emissions from EPNs 04TFX-028 and 04TFX-029 shall not exceed		VOC	0.16	0.02	23, 31	23, 31	
04FLR-032	Diamine Flare (HMD Flare) (Normal Operation Only)	CO	74.72	70.23	9, 11, 26	9, 11, 26	26
		H_2S	0.19	<0.01			
		NH_3	9.39	16.86			
		NO_X	25.83	27.46			
		SO_2	17.62	0.11			
		VOC	15.71	8.15			
		HCN	0.06	0.13			
04FLR-032	Diamine Flare (HMD	CO	5.05	0.13	9, 11, 26, 28, 29, 32, 34,	9, 11, 26, 28, 29, 32,	26

Major NSR Summary Table

Permit Number: 23271 and PSDTX1416					Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
	Flare) (Maintenance, Startup, and Shutdown [MSS] Activities Only)	NH_3	0.60	0.01	35	34, 35	
		NO_X	2.86	0.07			
		VOC	10.36	0.28	9, 11, 26, 28, 29, 30, 32, 34, 35	9, 11, 26, 28, 29, 30, 32, 34, 35	26
		HCN	0.61	0.02	9, 11, 26, 28, 29, 32, 34, 35	9, 11, 26, 28, 29, 32, 34, 35	26
04TVS-033	Co-Product Storage Tanks A - E Breather Pot	VOC	13.16	0.71	23	23	
04TVS-034	Crude HMD Tanks A and B	NH_3	5.05	16.62	23	23	
		VOC	1.70	2.29	23, 25	23, 25	25
04CWA-035	Cooling Basin (5)	NH_3	0.34	1.49	24	24	24
		VOC	1.79	7.86			
04TFX-508	HMD Permeate Tank	NH_3	0.16	0.09	31	31	
		VOC	0.01	0.01			
04TFX-506	Aqueous Waste Tank	NH_3	0.97	0.01	31	31	
		VOC	0.01	0.01			
04LBA-006A	Barge Loading	VOC	0.06	0.02	13, 14, 15	12, 13, 14, 15	
04LBA-006F	Barge Loading Uncaptured Emissions	VOC	0.06	0.02	15	12, 14	
16TFX006	MDEA Tank	VOC	0.16	0.01	31	31	
16TFX005	Dilute MDEA Tank	VOC	0.13	0.01	31	31	

Major NSR Summary Table

Permit Number: 23271 and PSDTX1416					Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
04LDR022C	Drum Loading of Crude HMI	NH_3	0.11	0.01	15		
		VOC	0.10	0.01			
04DGR001	HMD Maintenance Degreaser Area	VOC	0.36	0.33			
16VNT-004	Hydrogen Plant Vent (MSS)	CO	466.88	10.55	29, 32, 35	28, 29, 32, 35	
		VOC	106.54	3.41	29, 30, 32, 35	28, 29, 30, 32, 35	
04VNT-007	Synthesis Process Vent	NH_3	0.02	0.01			
		VOC	0.01	0.01			
04VNT-007	Synthesis Process Vent (MSS)	NH_3	6.75	0.01	29, 32, 35	28, 29, 32, 35	
		VOC	0.02	0.01	29, 30, 32, 35	28, 29, 30, 32, 35	
04VNT-009	Refining Process Vent (MSS)	NH_3	0.38	0.01	29, 35	28, 29, 35	
		VOC	0.01	0.01	29, 30, 35	28, 29, 30, 35	
04TANK-OPEN	Tank Depressure (MSS)	NH_3	6.31	0.01	29, 31, 32, 35	28, 29, 31, 32, 35	
		VOC	2.23	0.02	29, 30, 31, 32, 35	28, 29, 30, 31, 32, 35	
		HCN	0.01	<0.01	29, 31, 32, 35	28, 29, 31, 32, 35	
04FUG-MSS	Fugitive Emissions (MSS)	NH_3	8.80	0.47	29, 32, 35	28, 29, 32, 35	
		PM	0.08	<0.01			
		$PM_{2.5}$	0.08	<0.01			
		PM_{10}	0.08	<0.01			

Major NSR Summary Table

Permit Number: 23271 and PSDTX1416					Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		VOC	15.52	4.63	29, 30, 32, 35	28, 29, 30, 32, 35	
		HCN	0.11	<0.01	29, 32, 35	28, 29, 32, 35	
		HCl	0.10	0.43			
04SWT-002	Flushing N112 Unloading Line to Sump	VOC	0.01	0.01			
11LTR067AF	Waste Organics Truck Loading (WOTL) Uncaptured Emissions	VOC	0.80	<0.01	15	12, 14	
		HCN	0.01	<0.01	15	12, 14	
04LDR-022D	Drum Loading Refined HMI	VOC	0.09	0.01	15		
04LDR-036B	Drum Loading Crude MGN	VOC	0.01	0.01	15		
04LDR-037B	Drum Loading Refined MGN	VOC	0.01	0.01	15		
04LDR-025B	Drum Loading Crude DCH	NH_3	0.01	0.01	15		
		VOC	0.07	0.01			
04LDR-020B	Drum Loading Refined DCH	VOC	0.01	0.01	15		
04LDR-028B	Drum Loading Refined HMD	VOC	0.02	0.01	15		
04LDR-033D	Drum Loading BHMT	VOC	0.02	0.01	15		
04SEP-001	Oil/Sand Separator	NH_3	0.36	0.11			
		VOC	0.01	0.01			
11BAG311	Wastewater Baghouse	PM	0.04	0.17	10	10	
		PM_{10}	0.04	0.17			

Major NSR Summary Table

Permit Number: 23271 and PSDTX1416					Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		$PM_{2.5}$	0.04	0.17			
11BAGACID	Wastewater Baghouse	PM	0.04	0.17	10	10	
		PM_{10}	0.04	0.17			
		$PM_{2.5}$	0.04	0.17			
11BAG311 & 11BAGACID	Wastewater Baghouses	VOC	0.02	0.11			
11BAGFLTR	Wastewater Baghouse	PM	0.14	0.60	10	10	
		$PM_{2.5}$	0.14	0.60			
		PM_{10}	0.14	0.60			
04TFX022B	Refined DCH Tank	VOC	0.71	0.10	31	20, 31	
04TFXACID	Acid Cleaning Storage Tank	VOC	0.01	0.01	31	31	
		HCl	0.03	0.01			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) CO - carbon monoxide
H_2S - hydrogen sulfide
NH_3 - ammonia
NO_X - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM_{10}
$PM_{2.5}$ particulate matter equal to or less than 2.5 microns in diameter
PM_{10} - particulate matter equal to or less than 10 microns in diameter
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HCl - hydrochloric acid
HCN - hydrogen cyanide, see Note (6)
(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) For Maximum Allowable Emission Rate Tables (MAERT) dated March 11, 2016 and earlier, the HCN allowable emission rate was included with the VOC allowable emission rate limit. For subsequent amendments, modified sources emitting HCN shall represent this rate as a separate HCN limit for this emission point. During the next renewal application, an amendment application shall be submitted to separate all remaining HCN emissions still included in the VOC limit and included them as separate HCN limits by EPN in the MAERT. The VOC emission rate limit shall be reduced accordingly when HCN is reported as a separate limit. This note shall be deleted once all HCN emission rate limits are shown separately.

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 23271 and GHGPSDTX145M1 [1]				Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares	CO_2 (5)	1,389.10			
		CH_4 (5)	3.41			
		N_2O (5)	0.02			
		CO_2e	1,480.31			
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares MSS	CO_2 (5)	3,773.39			
		CH_4 (5)	7.44			
		N_2O (5)	0.01			
		CO_2e	3,962.37			
10FLR-004	Ammonia Startup Flare	CO_2 (5)	196.87			
		CH_4 (5)	0.49			
		N_2O (5)	0.01			
		CO_2e	212.10			
10FLR-004	Ammonia Startup Flare MSS Emissions	CO_2 (5)	1,673.50			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 23271 and GHGPSDTX145M1 [1]				Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		CH_4 (5)	4.13			
		N_2O (5)	0.01			
		CO_2e	1,779.73			
10FLR-004A	Ammonia Tank Flare	CO_2 (5)	466.97			
		CH_4 (5)	8.40			
		N_2O (5)	0.01			
		CO_2e	679.95			
10FLR-004A	Ammonia Tank Flare MSS Emissions	CO_2 (5)	118.03			
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	123.51			
10FLR-004B	Butadiene Flare	CO_2 (5)	4,171.65			
		CH_4 (5)	10.25			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 23271 and GHGPSDTX145M1 [1]				Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		N_2O (5)	0.01			
		CO_2e	4,430.88			
10FLR-004B	Butadiene Flare MSS Emissions	CO_2 (5)	460.53			
		CH_4 (5)	1.08			
		N_2O (5)	0.01			
		CO_2e	490.51			
10FLR-005	Adiponitrile Flare	CO_2 (5)	326,117.42			
		CH_4 (5)	98.78			
		N_2O (5)	1.76			
		CO_2e	329,111.40			
10FLR-005	Adiponitrile Flare MSS Emissions	CO_2 (5)	19,413.61			
		CH_4 (5)	29.31			
		N_2O (5)	0.02			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 23271 and GHGPSDTX145M1 [1]				Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		CO_2e	20,152.32			
10FLR-TMP	TEMP Flare	CO_2 (5)	91.81			
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	97.29			
10FLR-ALT	Alternative Flare for 10FLR-005	CO_2 (5)	544.91			
		CH_4 (5)	0.01			
		N_2O (5)	0.01			
		CO_2e	548.14			
10FUG	ADN Fugitives	CO_2 (5)	0.99			
		CH_4 (5)	14.57			
		CO_2e	365.24			
10FUG	ADN Fugitives MSS Emissions	CO_2 (5)	0.06			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 23271 and GHGPSDTX145M1 [1]				Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		CH_4 (5)	0.01			
		CO_2e	0.31			
10MSS-001	MSS in ADN Area MSS Emissions	CO_2 (5)	0.18			
		CH_4 (5)	0.60			
		CO_2e	15.18			
10MSS-002	MSS in 311 Area MSS Emissions	CO_2 (5)	0.10			
		CO_2e	0.10			
10VNT-001	Feed Gas Analyzer Vent	CO_2 (5)	0.01			
		CH_4 (5)	0.28			
		CO_2e	7.01			
10VNT-002	HCN Sample Blower Vent	CO_2 (5)	0.01			
		CH_4 (5)	0.01			
		CO_2e	0.26			

Major NSR Summary Table
Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Permit Number: 23271 and GHGPSDTX145M1 [1]				Issuance Date: May 31, 2019		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10VNT-003	BD Column GCs	CH_4 (5)	0.01			
		CO_2e	0.25			
10VNT-255	Pump Tank Scrubber and Closed Sump	CO_2 (5)	4.60			
		CH_4 (5)	0.01			
		CO_2e	4.85			
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO_2 (5)	0.25			
		CH_4 (5)	1.50			
		CO_2e	37.75			

[1] Sources contained in Table A above demonstrate compliance with Special Conditions 42-45, which are captured under NSR 7186 and GHGPSDTX14M1 (TCEQ Project No. 253750). Therefore, there are no applicable Special Conditions under NSR 23271 and GHGPSDTX145M1 (TCEQ Project No. 283887) pertaining Table A.

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares - Normal Operations	CO_2 (5)	1389.10			
		CH_4 (5)	3.41			
		N_2O (5)	0.02			
		CO_2e	1480.31			
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares – (Maintenance, Startup andShutdown [MSS] Activities Only)	CO_2 (5)	3773.39			
		CH_4 (5)	7.44			
		N_2O (5)	0.01			
		CO_2e	3962.37			
10FLR-004	Ammonia Startup Flare – Normal Operations	CO_2 (5)	196.87			
		CH_4 (5)	0.49			
		N_2O (5)	0.01			
		CO_2e	212.10			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-004	Ammonia Startup Flare - MSS	CO_2 (5)	1673.50			
		CH_4 (5)	4.13			
		N_2O (5)	0.01			
		CO_2e	1779.73			
10FLR-004A	Ammonia Tank Flare – Normal Operations	CO_2 (5)	466.97			
		CH_4 (5)	8.40			
		N_2O (5)	0.01			
		CO_2e	679.95			
10FLR-004A	Ammonia Tank Flare - MSS	CO_2 (5)	118.03			
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	123.51			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-004B	Butadiene Flare – Normal Operation	CO_2 (5)	4171.65			
		CH_4 (5)	10.25			
		N_2O (5)	0.01			
		CO_2e	4430.88			
10FLR-004B	Butadiene Flare - MSS	CO_2 (5)	460.53			
		CH_4 (5)	1.08			
		N_2O (5)	0.01			
		CO_2e	490.51			
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - Emissions from Continuous and Non-Continuous Vents from Normal Operation Only	CO_2 (5)	320498.02			
		CH_4 (5)	82.98			
		N_2O (5)	1.74			
		CO_2e	323091.78			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - MSS	CO_2 (5)	19448.28			
		CH_4 (5)	29.31			
		N_2O (5)	0.02			
		CO_2e	20187.04			
10FLR-TMP	Temporary-Use Flare for Vent Headers During Flare (EPN: 10FLR-005) Maintenance	CO_2 (5)	91.81			
		CH_4 (5)	0.10			
		N_2O (5)	0.01			
		CO_2e	97.29			
10FLR-ALT	Alternative Flare for Vent Headers During Flare 10FLR-005 Maintenance	CO_2 (5)	544.91			
		CH_4 (5)	0.01			
		N_2O (5)	0.01			
		CO_2e	548.14			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
10FUG	ADN Fugitives	CO_2 (5)	0.99			
		CH_4 (5)	14.57			
		CO_2e	365.24			
10FUG	ADN Fugitives – MSS Emissions	CO_2 (5)	0.06			
		CH_4 (5)	0.01			
		CO_2e	0.31			
10MSS-001	MSS in the ADN Area	CO_2 (5)	0.19			
		CH_4 (5)	0.60			
		CO_2e	15.20			
10MSS-002	MSS in the 311 Area	CO_2 (5)	0.10			
		CO_2e	0.10			
10VNT-001	Feed Gas Analyzer Vent	CO_2 (5)	0.01			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		CH_4 (5)	0.28			
		CO_2e	7.01			
10VNT-002	HCN Sample Blower Vent	CO_2 (5)	0.01			
		CH_4 (5)	0.01			
		CO_2e	0.26			
10VNT-003	BD Column Gas Chromatographs	CH_4 (5)	0.01			
		CO_2e	0.25			
10VNT-255	Pump Tank Scrubber and Closed Sump	CO_2 (5)	4.60			
		CH_4 (5)	0.01			
		CO_2e	4.85			
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO_2 (5)	0.25			
		CH_4 (5)	1.50			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
		CO_2e	37.75			
04FLR-032	Diamine Flare (HMD Flare) (Normal Operation Only) (7)	CO_2 (5)	20,546	37	36, 38, 39	
		CH_4 (5)	33.65			
		N_2O (5)	0.06			
		CO_2e	21,403			
04FLR-032	Diamine Flare (HMD Flare) MSS Activities Only (7)	CO_2 (5)	69.93	37	36, 38, 39	
		CH_4 (5)	<0.01			
		N_2O (5)	<0.01			
		CO_2e	70.08			
04FUG	Fugitives (7)	CO_2 (5)	2.44	37	36, 38, 39	
		CH_4 (5)	38.56			
		CO_2e	966.44			

Major NSR Summary Table
Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Permit Number: 23271 and GHGPSDTX145M1 [1]				**Issuance Date**: **May 31, 2019**		
Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**	**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			TPY (4)	**Special Condition/ Application Information**	**Special Condition/ Application Information**	**Special Condition/ Application Information**
04FUG-MSS	Fugitive Emissions MSS (7)	CO_2 (5)	<0.01	37	36, 38, 39	
		CH_4 (5)	<0.01			
		CO_2e	0.01			
11LTR067AF	Waste Organics Truck Loading (WOTL) Uncaptured Emissions (7)	CO_2 (5)	<0.01	37	36, 38, 39	
		CH_4 (5)	<0.01			
		CO_2e	<0.01			
04TANK-OPEN	Tank Depressure MSS (7)	CH_4 (5)	<0.01	37	36, 38, 39	
		CO_2e	<0.01			

[1] EPNs 04FLR-032, 04FUG, 04FUG-MSS, 11LTR067AF, and 04TANK-OPEN demonstrate compliance with Special Conditions 36-39, which are captured under NSR 23271 and GHGPSDTX145M1 (TCEQ Project No. 283887). The remaining sources contained in Table B above demonstrate compliance with Special Conditions 42-45, which are captured under NSR 7186 and GHGPSDTX14M1 (TCEQ Project No. 253750). As a result, there are no Special Conditions listed for sources captured under NSR 7186.

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented

$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
Cl_2 - chlorine
H_2O_2 - hydrogen peroxide
HCl - hydrogen chloride
HCN - hydrogen cyanide
H_2S - hydrogen sulfide
NH_3 - ammonia

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) This flare is authorized to operate for 336 hours per year and only when Flare 10FLR-005 is shut down for maintenance during an ADN unit turnaround. (01/08)
(7) Only one converter can be in startup mode at a time.
(8) Converter startups are limited to 36 total for all converters in a rolling 12-month period. (01/08)
(9) Only one of the three Raffinate spheres will be filled at any time.
(10) For Maximum Allowable Emission Rate Tables (MAERT) dated August 9, 2016 and earlier, the HCN allowable emission rate was included with the VOC allowable emission rate limit. For subsequent amendments, modified sources emitting HCN shall represent this rate as a separate HCN limit for this emission point. During the next renewal application, an amendment application shall be submitted to separate all remaining HCN emissions still included in the VOC limit and included them as separate HCN limits by EPN in the MAERT. The VOC emission rate limit shall be reduced accordingly when HCN is reported as a separate limit. This note shall be deleted once all HCN emission rate limits are shown separately.
(11) Effective project milestones for the new allowable emission rates are specified in Attachment E of the Special Conditions.

Texas Commission on Environmental Quality
Air Quality Permit

A Permit Is Hereby Issued To
Inv Performance Surfaces, LLC
Authorizing the Continued Operation of
Invista S.A.R.L. Victoria Plant
Located at **Victoria, Victoria County, Texas**
Latitude 28° 40′ 41″ Longitude −96° 57′ 17″

Permits: 7186, GHGPSDTX145M1 and PSDTX1079M2

Issuance Date: January 28, 2021

Expiration Date: January 28, 2031

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code (TAC) Section 116.116 (30 TAC § 116.116)] [1]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120]
3. **Construction Progress**. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.115(b)(2)(A)]
4. **Start-up Notification**. The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.115(b)(2)(B)]
5. **Sampling Requirements**. If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.115(b)(2)(C)]
6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and

operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]

8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)] [1]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification in accordance with 30 TAC §101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC§ 116.115(b)(2)(G)]
10. **Compliance with Rules**. Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to "air pollution" as defined in Texas Health and Safety Code (THSC) §382.003(3) or violate THSC § 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. [1]

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

Common Acronyms in Air Permits

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

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

Special Conditions

Permit Numbers 7186, PSDTX1079M2, and GHGPSDTX145M1

Emission Standards

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit. **(09/05)**

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 maximum allowable emission rates table. 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 with the exception of those listed in the attached Table I. **(01/08)**

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): **(07/18)**

   A. Subpart A, General Provisions.

   B. Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.

   C. Subpart KKK, Standards of Performance for Equipment Leaks of VOC From Onshore Natural Gas Processing Plants for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and on or Before August 23, 2011.

   D. Subpart NNN, Standards of Performance for Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations.

   E. Subpart RRR, Standards of Performance for Volatile Organic Compound Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes.

   F. Subpart VVa, Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006.

4. These facilities shall comply with all applicable requirements of the U.S. EPA regulations on National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61: **(07/18)**

   A. Subpart A, General Provisions.

   B. Subpart BB, National Emission Standard for Benzene Emissions from Benzene Transfer Operations.

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

5. These facilities shall comply with all applicable requirements of the U.S. EPA regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63: **(07/18)**

   A. Subpart A, General Provisions.

   B. Subpart F, National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry.

   C. Subpart G, National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater.

   D. Subpart H, National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks.

   E. Subpart DD, National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations.

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

   G. Subpart FFFF, National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing.

Operational Limitations

6. Adiponitrile production is limited to the rate specified in the confidential Material Balance Table of the permit application dated May 16, 2016 and subsequent submittals concerning the amendment of this permit. **(07/18)**

7. Carbon Compound Waste Gas Streams

   A. Except as may be provided for in the special conditions or maximum allowable emission rate table (MAERT) of this permit, all waste gas from point sources containing VOC at a concentration of greater than 1 weight percent shall be collected and routed to a flare or other control device. The flare or other control device shall operate with no less than 98 percent efficiency in disposing of the carbon compounds captured by the collection system. Any other exception to this condition requires prior review and approval by the Texas Commission on Environmental Quality (TCEQ) Executive Director, and such exceptions may be subject to strict monitoring requirements.

   B. Waste gases, as described in Special Condition No. 7A above, can also be routed to Boiler Nos. 1 and 2 (Emission Point No. [EPN] 15STK-005), Boiler Nos. 3 and 4 (EPN 15STK-006), or Boiler Nos. 7 and 8 (EPN 17STK-007). The boilers are authorized separately for the burning of these waste gases. **(01/08)**

   C. Except as may be provided for in the special conditions or MAERT of this permit, all waste gases from the HCN Pump Tanks shall be collected and routed to the HCN Pump Tank Scrubber (EPN 10VNT-255). The scrubber shall operate with no less than 98 percent efficiency in disposing of the carbon compounds and Hazardous Air Pollutants (HAPs) captured by the collection system. In accordance with Alternative Method of Compliance (AMOC) #58, issued by the TCEQ on July 8, 2016, the initial performance test of the scrubber is waived and the scrubbing liquid flow rate and temperature shall be continuously

monitored and recorded to demonstrate compliance. During normal operation, the daily average scrubbing liquid temperature shall not be greater than 30˚C and the daily average scrubbing liquid flow rate shall not be less than 16,000 pounds per hour (lbs/hr). **(12/16)**

Flares

8. Flares to include EPNs 10FLR-001, 10FLR-002, 10FLR-003, 10FLR-003A, 10FLR-004, 10FLR-004A, 10FLR-004B, 10FLR-TMP, 10FLR-ALT, and 10FLR-005 shall be designed and operated in accordance with the requirements in A, B, and C of this special condition. Flare EPN 10FLR-005 shall also operate in accordance with paragraph D of this special condition. **(07/16)**

   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 or minimum hydrogen content and maximum tip velocity under normal, upset, and maintenance flow conditions.

      The heating value or hydrogen content 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 flares shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple, infrared monitor, or ultraviolet monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications. **(07/18)**

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

   D. The permit holder shall install a continuous flow monitor, hydrogen monitor, and Btu content analyzer that provides a record of the vent stream flow, hydrogen content, and Btu content to the Adiponitrile Flare (EPN 10FLR-005).

      (1) The flow monitor sensor, hydrogen monitor, and analyzer sample points shall be installed 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, hydrogen content, and Btu content shall be recorded each hour. **(11/10)**

      (2) The monitors shall be calibrated or have a calibration check performed 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. The hydrogen analyzer shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations. The calorimeter shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations, to continuously measure and record the net heating value of the gas sent to the flare, in British thermal units/standard cubic foot of the gas. **(07/18)**

      (3) Except for periods during which the individual monitors are not being used for documenting compliance with this special condition, 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)(3) and 60.18(f)(4) shall be recorded at least once every hour. **(07/18)**

(4) During times when the total actual volumetric flow to Adiponitrile flare is less than 500,000 standard cubic feet per hour (SCFH), the permit holder can use the alternate monitoring method specified in this subparagraph to continuously monitor and record the total vent stream flow. **(9/15)**

Notwithstanding the provisions of 30 TAC §101.1(99), for the purposes of this subparagraph, standard conditions shall mean a temperature of zero degrees Centigrade and a pressure of 14.7 pounds per square inch absolute.

The volumetric flow rate from each vent stream which may be directed to the Adiponitrile flare shall be monitored using one of the following methods:

(a) Flow Controllers and associated engineering calculations indicating volumetric flow rate at a frequency of at least once every 15 minutes;

(b) Flow Indicators and associated engineering calculations indicating volumetric flow rate at a frequency of at least once every 15 minutes;

(c) For the HCN off-gas stream and PSA Tails gas only, empirical correlation between control valve travel and flow rate through the valve, calculated and recorded at a frequency of at least once every 15 minutes; or

(d) For vent streams from storage tanks only, engineering calculation.

Flow Controllers and Flow Indicators shall be accurate to ± 5 percent of the measured flow and shall be maintained in accordance with manufacturers' specifications. Measured or calculated flow rates shall be summed at least once every 15 minutes and the average hourly values of the flow shall be recorded each hour.

Use of this alternative monitoring method does not relieve the permit holder of responsibility for operating the primary flow measurement device at all times that the flare is operational (except as provided for in subparagraph D(4)). However, the relative accuracy requirements of subparagraph D(2) shall not apply to the primary monitoring device during times that the alternative monitoring method is employed.

Loading

9. Loading operations are limited to the liquids identified in the confidential table referenced in Attachment D. All loading shall be submerged and rolling 12 month rack throughput records shall be updated on a monthly basis for each product loaded. **(07/18)**

10. All loading lines and connectors shall be visually inspected for any defects prior to hookup. Loading lines and connectors that are visibly damaged shall be removed from service. Loading operations shall cease immediately upon detection of any liquid leaking from the lines or connections. Except for loading associated with tanks or tank trailers that vent directly to the atmosphere, after loading operations are completed, loading lines shall be nitrogen purged to remove any residual organic compounds. **(01/08)**

11. For tank truck loading, VOCs having a vapor pressure equal to or greater than 0.5 psia under actual storage conditions shall only be loaded into pressure tank trucks rated at 15 psig or greater. Each such tank truck shall be leak checked and certified annually in accordance with U.S. Department of

Transportation Rule 49 CFR § 180.407. The permit holder shall not allow a tank truck to be filled unless it has passed a leak-tight test within the past year as indicated by the tank truck leakage test label which shows the month and year the tank truck last passed the leak-tight test required by this condition and the identification number of the tank truck. **(06/08)**

12. Emissions generated from the loading of iso-containers with 2M3BN shall be captured and routed to Flare 10FLR-005.

13. Loading emissions from Tanks 10TFX054 and 10TFX054A shall be routed to the hydrogen chloride (HCl) scrubber (EPN 10SCB-154), which shall maintain a liquid flow rate of not less than 5.4 gallons per minute averaged over the loading period. The pH of the scrubbing liquid shall be maintained at a level greater than or equal to 0.5. Liquid flow rates and outlet pH shall be recorded at least every 15 minutes during transfer operations with the beginning and end of material transfer specifically indicated. These records shall be maintained at the plant site for at least five years and be made available upon request to TCEQ personnel. **(01/08)**

14. The emissions associated with the loading of methanol solutions at EPN 10LTR-073 shall vent through a carbon adsorption system (CAS) consisting of at least two activated carbon canisters that are connected in series. The associated CAS shall be sampled and operated in accordance with the requirements provided in A, B, C, D, and E of this special condition, or the carbon shall be replaced at a predetermined operating time interval that is less than the carbon replacement interval determined by a design analysis based on the maximum design flow rate and air contaminant concentration. **(07/18)**

    A. The associated CAS shall be sampled daily during loading operations of methanol solutions at EPN 10LTR-073 to determine breakthrough of 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 done during loading of methanol solutions.

    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 Part 60, Appendix A). Sampling and analysis for VOC breakthrough shall be performed as follows:

        (1) 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 20 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 the loading of methanol solutions.

    C. Breakthrough shall be defined as the highest one-minute average measured VOC concentration at or exceeding 10 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 before the

next day during which loading of methanol solutions is performed. 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 may be approved by the TCEQ Regional Manager. Alternate requirements must be approved in writing before they can be used for compliance purposes. **(01/08)**

Process Vessels and Storage Tanks

15. Except during periods of flare maintenance (of no more than two weeks per year vented to EPN 10FLR-TMP and no more than 720 hours per year vented to EPN 10FLR-ALT), the following process vessels and storage tanks shall be vented to Flare 10FLR-005: **(07/18)**

Process Vessels			
10TFX006A	10TFX015A	10TFX026A	10TFX329
10TFX006B	10TFX018	10TFX043	10TFX330
10TFX006C	10TFX019	10TFX044	10TFX350
10TFX006D	10TFX020	10TFX053	10TFX351
10TFX006F	10TFX020A	10TFX300	10TFX352
10TFX008	10TFX021	10TFX301	10TFX353
10TFX011	10TFX022	10TFX302	-
10TFX015	10TFX026	10TFX328	-

Storage Tanks			
10TFX006E	10TFX017	10TFX025A	10TFX046
10TFX009	10TFX021B	10TFX025B	10TFX326
10TFX012	10TFX021C	10TFX039	10TFX327
10TFX013	10TFX023	10TFX042	-
10TFX016	10TFX024	10TFX045	-

During periods of Flare 10FLR-005 maintenance, the above-referenced storage tanks shall be vented to either Flare 10FLR-TMP (for up to two weeks per year) or Flare 10FLR-ALT (for up to 720 hours per year) and shall be maintained in a constant level operation, except that the PN Seal Flush Tank (10TFX327) and the Refining Organic Sump Tank (10TFX302) are not required to be maintained in a constant level operation when vented to Flare 10FLR-ALT. A tank variation of 2 percent per day (as recorded by the percent tank level computer variable) shall be allowed to

account for temperature variations, safety checks, and maintenance. These tanks are exempt from the constant level requirement during periods of deinventory and/or cleaning as required for internal inspections or maintenance.

16. The true vapor pressure of any liquid stored at this facility in an atmospheric tank shall not exceed 11.0 psia. **(07/18)**

17. Storage tanks are subject to the following requirements.

    A. Uninsulated tank exterior surfaces exposed to the sun shall be white, stainless steel, 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 past consecutive 12-month period. Records of VOC monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.

    Emissions from tanks shall be calculated using the methods that were used to determine the MAERT limits in the permit application. Sample calculations in either electronic format or hardcopy from the application shall be readily available to TCEQ representatives at the plant site. **(07/18)**

    C. Storage tank throughput and service shall be limited to the representations in the Confidential Attachment C to the letter dated December 9, 2020 from the permit holder to TCEQ. **(01/21)**

Particulate Matter (PM) Control

18. Particulate matter grain loading shall not exceed 0.01 grain per dscf of air from vents 10FLT-063, 10FLT-063A, 10FLT-064, and 10FLT-065. There shall be no visible emissions from these vents for a time period exceeding a total of 30 seconds in any six-minute period as determined using U.S. EPA Test Method 22. **(07/18)**

19. The vents covered by this permit shall not operate unless control devices and associated equipment are maintained in good working order and operating. Vents 10FLT-063, 10FLT-063A, 10FLT-064, and 10FLT-065 will be inspected for visible emissions daily when in operation and a spare-parts filter inventory will be maintained on-site. Records shall be maintained of all inspections and maintenance performed. **(07/18)**

20. Filters 10FLT064 and 10FLT065 (EPNs 10FLT-064 and 10FLT-065, respectively) utilize replaceable filter elements to remove particulate matter from the associated vent streams. The differential pressure across these filters shall be continuously monitored and be recorded at least once an hour when the filters are in operation. During operation (excluding pressuring, de-pressuring, and passivating), the pressure drops shall be maintained within the ranges given in the following table. **(07/18)**

Filter Operating Pressure Drop			
Filter	Minimum	Maximum	Units
10FLT064	0.5	2.4	Inches of Water Gauge
10FLT065	0.2	1.5	PSI

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 0.5 inches water gauge pressure or 0.5 percent of span.

Quality assured (or valid) data must be generated when the Promoter Dump System (EPN 10FLT-064) or the Nickel Dump System (EPN 10FLT-065) are operating except during the performance of a daily zero check. The daily zero check is only necessary on those days the filters are in operation. 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 it does not exceed 5 percent of the time (in hours) that the Promoter Dump System or the Nickel Dump System operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

Leak Detection and Repair Program

21. Piping, Valves, Connectors, Pumps, Agitators, and Compressors - 28VHP **(07/18)**

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 G and H 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 Paragraph A above. If an unsafe to monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe to monitor times. A difficult to monitor component for which quarterly monitoring is specified may instead be monitored annually.

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

F. 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.

G. 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.

H. Except as may be provided for in the special conditions of this permit, all pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

I. 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.

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

K. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall

indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.

L. 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 G through H of this condition.

M. 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.

22. Piping, Valves, Pumps, and Compressors in Ammonia (NH3), and/or Hydrogen Cyanide (HCN) Service – 28AVO **(01/08)**

A. Audio, olfactory, and visual checks for leaks within the operating area shall be made once per 12-hour shift.

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

(1) Commence isolation of the leak,

(2) Commence repair or replacement of the leaking component, or

(3) Use a leak collection/containment system to collect/contain 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 TCEQ upon request.

Cooling Tower

23. The VOC associated with cooling tower (EPN: 10CLT-040) 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 performed 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 two VOC monitoring results. **(01/08)**

24. The conductivity of the Cooling Tower, EPN 10CLT-040, water shall be monitored at least once per day. If the conductivity of the cooling tower water exceeds 3,000 µmho/cm (µS/cm), corrective action shall be taken to reduce the conductivity to less than 3,000 µS/cm. Dissolved solids in the cooling water drift are considered to be emitted as PM, PM10 and PM2.5. Cooling tower water shall be sampled once per quarter for total dissolved solids (TDS). Sampling shall use EPA Method 160.1, ASTM D5907, or SM 2540 C [SM - 19th edition of Standard Methods for Examination of

Water] for TDS analysis of the cooling water. Other methods may not be used unless they have been approved by the TCEQ Air Permits Division prior to implementation. The Cooling Tower, EPN 10CLT 040, shall operate with drift eliminators that achieve less than or equal to 0.0005 percent drift. **(07/18)**

Records of conductivity monitoring shall be maintained at the site and shall include (but not limited to) the following:

A. Date and time of conductivity readings,

B. Conductivity readings (µS/cm),

C. Date, time, and description of any corrective actions that may be necessary.

Maintenance, Startup, and Shutdown (MSS) Activities

25. This permit authorizes emissions from the HCN converter start-up flares (EPNs 10FLR-001, 10FLR-002, 10FLR-003, and 10FLR-003A) for the following planned MSS activities of the HCN synthesis converters: **(01/08)**

    A. A maximum of 36 shutdowns and 36 start-ups (including pre-light-off and post-light-off) per year of all authorized HCN converters,

    B. A maximum of 4 train interlocks per year with a maximum of 24 hours for each train interlock activity,

    C. A maximum of 24 Converter interlock activities per year,

    D. Routine maintenance of NH_3 and HCN trains with two converters at a minimum flow for 4 hours per activity, 4 times per year.

26. This permit authorizes emissions from the Ammonia Startup Flare (EPN 10FLR-004) for the following planned MSS activities: **(07/11)**

    A. Eight pressure testing activities of the ammonia train per year,

    B. Eight water stripping of ammonium salt solution activities per year,

    C. Eight start-ups (including pre-light off and post-light off) and four shutdowns associated with NH_3 Train clearup and NH_3 Feed Prep activities per year,

    D. Eight NH_3 strip out activities per year (including maintenance of NH_3 Train quality, and water boiling of the NH_3 Train),

    E. Eight NH_3 Train NaCN washing activities per year, and

    F. Eight NH_3 Feed Prep activities per year.

27. This permit authorizes emissions from the Ammonia Tank Flare (EPN 10FLR-004A) for 48 hours per year for No. 3 compressor maintenance activities, 16 hours per year for receiver vessel skid maintenance activities, and 16 hours per year for air cooler condenser maintenance activities. **(01/08)**

28. This permit authorizes emissions from the Butadiene Flare (EPN 10FLR-004B) for the following planned MSS activities: **(01/08)**

A. Annual inspection of barge docks,

B. Butadiene sphere sampling limited to one sample per week per sphere,

C. Thirty-six hours per year of sphere pump maintenance,

D. Butadiene sphere annual inspections,

E. Two venting events per year to reduce buildup of non-condensables from butadiene spheres.

29. This permit authorizes emissions from the Adiponitrile Flare (EPN 10FLR-005) for the following planned MSS activities: **(07/16)**

A. Annual plant turnaround including associated start-up and shutdown,

B. Periodic MSS activities as represented in the ADN Operating Flare and MSS sections of the permit amendment application dated October 6, 2006 as revised May 2, 2007,

C. BD Column venting 14 days per year during boiler shutdown for maintenance,

D. BD Column deinventory 14 days per year for maintenance,

E. Eight HCN Train stripping activities per year,

F. Eight activities per year for establishing dry flow of HCN,

G. Pressure test the HCN Train eight times per year,

H. Pressure test the PSA Unit eight times per year,

I. Clearup of the butadiene filter five times per year,

J. C4 Purge to BD Column, 144 hours per year, and

K. Recycling (flywheeling) of the HCN unit eight times per year.

30. This permit authorizes emissions from the Temporary Flare (EPN 10FLR-TMP), for 336 hours per year, and the Flare EPN 10FLR-ALT, for 720 hours per year, for the shutdown of the ADN Operating Flare (EPN 10FLR-005) during a planned ADN Unit shutdown. **(07/16)**

31. This permit authorizes emissions from the HCN Pump tank scrubber and the associated closed sump (EPN 10VNT-255), for planned HCN Train water boil activity for 12 hours per year, and for planned HCN Unit activity that increase the scrubbing liquid temperature to a maximum of 65 ˚C for 432 hours per year. **(12/16)**

32. This permit authorizes emissions from EPNs 10MSS-001 and 10MSS-002 from the following categories as more specifically represented in the October 6, 2006, permit amendment application as revised May 2, 2007; the MSS permit amendment application dated January 4, 2008 and subsequent submittals concerning that amendment; in the permit application dated March 9, 2015 and subsequent submittals concerning that amendment; and the permit application dated May 16, 2016 and subsequent submittals concerning that amendment: **(07/18)**

A. Maintenance activities for relief valves, conservation vents, vacuum breakers, flame arrestors, and emergency vents,

B. Annual plant turnaround, and

C. Periodic maintenance activities, including associated shutdown and startup.

To minimize ammonia emissions from EPN 10MSS-002, tanks 11TFX-051, 11TFX-052 and 11TFX-053 shall be water washed before being drained to the trench.

33. Any gas or vapor removed from process equipment or storage vessels must be routed to Adiponitrile Flare (EPN 10FLR-005) or other appropriate control device, if the cumulative air contaminant partial pressure is greater than 0.50 psi at the normal process temperature or 95° F. Control must be maintained until the VOC concentration is less than 34,000 ppmv as methane. The process equipment or storage vessels shall be depressurized to the Adiponitrile Flare or other appropriate control device prior to degassing. The facilities shall be degassed using good engineering practice or purged using at least two system volumes of purge gas to ensure air contaminants are removed from the system through the Adiponitrile Flare or other appropriate control device to the extent allowed by process equipment or storage vessel design. **(07/11)**

34. This permit authorizes the emissions for the planned MSS activities summarized in the MSS Activity Summary (Attachment C) attached to this permit. **(07/11)**

Attachment A identifies the inherently low emitting MSS activities that may be performed at the plant. Emissions from activities identified in Attachment A shall be considered to be equal to the potential to emit represented in the permit application. The estimated emissions from the activities listed in Attachment A must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

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

This permit authorizes emissions from the following temporary facilities used to support planned MSS activities at permanent site facilities: frac tanks, containers, vacuum trucks, facilities used for painting or abrasive blasting, portable control devices identified in Special Condition No. 40, and controlled recovery systems. Emissions from temporary facilities are authorized provided the temporary facility (a) does not remain on the plant site for more than 12 consecutive months, (b) is used solely to support planned MSS activities at the permanent site facilities listed in this Attachment, and (c) does not operate as a replacement for an existing authorized facility.

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

A. the process unit at which emissions from the MSS activity occurred, including the emission point number and common name of the process unit;

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

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

D. the date 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.

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

35. Process units and facilities, with the exception of those identified in Special Condition Nos. 37, 38, and Attachment A shall be depressurized, emptied, degassed, and placed in service in accordance with the following requirements. **(07/11)**

A. The process equipment shall be depressurized to a control device or a controlled recovery system prior to venting to atmosphere, degassing, or draining liquid. Equipment that only contains material that is liquid with VOC partial pressure less than 0.50 psi at the normal process temperature and 95°F may be opened to atmosphere and drained in accordance with paragraph C of this special condition. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.

B. If mixed phase materials must be removed from process equipment, the cleared material shall be routed to a knockout drum or equivalent to allow for managed initial phase separation. If the VOC partial pressure is greater than 0.50 psi at either the normal process temperature 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 B, the following option may be used in lieu of (2) below. The facilities being prepared for maintenance shall not be vented directly to atmosphere until the VOC concentration has been verified to be less than 10 percent of the lower explosive limit (LEL) per the site safety procedures.

(2) The locations and/or identifiers where the purge gas or steam enters the process equipment or storage vessel and the exit points for the exhaust gases shall be recorded. If the process equipment is purged with a gas, two system volumes of purge gas must have passed through the control device or controlled recovery system before

the vent stream may be sampled to verify acceptable VOC concentration prior to uncontrolled venting. The VOC sampling and analysis shall be performed using an instrument meeting the requirements of Special Condition No. 36. 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 per E of this condition must be documented when occurring as part of any MSS activity. The emissions associated with venting without control must be included in the work order or equivalent for those planned MSS activities identified in Attachment B.

36. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below. **(07/11)**

A. VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR Part 60, Appendix A) with the following exceptions:

(1) The instrument shall be calibrated within 24 hours of use with a calibration gas 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.

(3) If a TVA-1000 series Flame Ionization Detector (FID) analyzer calibrated with methane is used to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppmv as VOC.

B. Colorimetric gas detector tubes may be used to determine air contaminant concentrations if they are used in accordance with the following requirements.

(1) The air contaminant concentration measured 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 prior to uncontrolled venting:

measured contaminant concentration (ppmv) < release concentration.

Where the release concentration is:

10,000*mole fraction of the total air contaminants present that can be detected by the tube

The mole fraction may be estimated based on process knowledge. The release concentration and basis for its determination shall be recorded.

Records shall be maintained of the tube type, range, measured concentrations, and time the samples were taken.

C. Lower explosive limit measured with a lower explosive limit detector.

(1) The detector shall be calibrated monthly with a certified pentane gas standard at 25% of the lower explosive limit (LEL) for pentane. Records of the calibration date/time and calibration result (pass/fail) shall be maintained.

(2) A daily functionality test shall be performed on each detector using 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.

37. Fixed roof storage tanks are subject to the following requirements: **(07/11)**

A. The tank shall not be opened or ventilated without control, to minimize air circulation in the tank vapor space, except as allowed by (1) or (2) below, until one of the criteria in part B of this condition is satisfied.

(1) 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.

(2) 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) Take a representative sample of the liquid remaining in the tank and verify hexane soluble VOC concentration is less than 1000 ppmw using EPA method 1664 (may also use 8260B or 5030 with 8015 from SW-846).

(c) Stop ventilation and close the tank for at least 24 hours. When the tank manway is opened after this period, verify VOC concentration is less than 1000 ppmv through the procedure in Special Condition No. 36.

(3) No standing liquid verified through visual inspection.

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 following requirements:

(1) Any gas or vapor removed from the vapor space under the fixed roof must be routed to a control device or a controlled recovery system and controlled degassing must be maintained until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the fixed roof when degassing to the control device or controlled recovery system.

(2) The vapor space under the fixed roof shall be vented using good engineering practice to ensure air contaminants are flushed out of the tank through the control device or controlled recovery system to the extent allowed by the storage tank design.

(3) A volume of purge gas equivalent to twice the volume of the vapor space under the fixed roof must have passed through the control device or into a controlled recovery system, before the vent stream may be sampled to verify acceptable VOC concentration. The measurement of purge gas volume shall not include any make-up air introduced into the control device or recovery system. The VOC sampling and analysis shall be performed as specified in Special Condition No. 36.

(4) The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged.

(5) Degassing must be performed every 24 hours unless there is no standing liquid in the tank or the VOC partial pressure of the remaining liquid in the tank is less than 0.15 psia.

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, and

(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 in the events listed in D.1 of this condition, with the data and methods used to determine it. The emissions associated with MSS activities shall be calculated using the methods described in Section 7.1.3.2 of AP-42 “Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids” dated November 2006 and the permit application.

E. Each fixed roof tank containing liquid with a VOC partial pressure which is less than 0.02 psia at the maximum stored liquid temperature may be opened without restriction and ventilated without control, and shall be subject to the following:

(1) Parts A, B, C, and D of this condition do not apply.

(2) The permit holder shall maintain a record which includes:

(a) tank identification number, name of the material stored, and VOC vapor pressure, in psia, at the maximum stored liquid temperature, and

(b) estimated quantity of each air contaminant, or mixture of air contaminants, emitted during MSS activities, with the data and methods used to determine it. The emissions shall be calculated using the methods described in Section 7.1.3.2 of AP-42 “Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids” dated November 2006 and the permit application.

38. The following requirements apply to frac, or temporary, tanks and vessels used in support of MSS activities. **(07/11)**

A. The exterior surfaces of these tanks/vessels that are exposed to the sun shall be white or aluminum effective May 1, 2013. This requirement does not apply to tanks/vessels that only vent to atmosphere when being filled, sampled, gauged, or when removing material.

B. These tanks/vessels must be covered and equipped with fill pipes that discharge within 6 inches of the tank/vessel bottom.

C. These requirements do not apply to vessels storing less than 450 gallons of liquid that are closed such that the vessel does not vent to atmosphere except when filling, sampling, gauging, or when removing material.

D. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all frac tanks during the previous calendar month and the past consecutive 12 month period. This record shall be updated with all data of a month by the last day of the following month. The record shall include tank identification number, dates put into and removed from service, control method used, tank capacity and volume of liquid stored in gallons, name of the material stored, VOC molecular weight, and VOC partial pressure at the estimated monthly average material temperature in psia. Filling emissions for tanks shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations" and standing emissions determined using: the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks."

39. 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. **(07/11)**

40. 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. **(07/11)**

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 meeting the requirements of this permit condition.

A. The plant flare system. Flares used to control emissions from planned MSS activities shall comply with Special Condition No. 8.

B. Carbon Adsorption System (CAS).

(1) The CAS shall consist of 2 carbon canisters in series with adequate carbon supply for the emission control operation.

(2) The CAS shall be sampled downstream of the first can and the concentration recorded at least once every hour of CAS run time to determine breakthrough of the VOC. The sampling frequency may be extended using either of the following methods:

(a) It may be extended to up to 30 percent of the minimum potential saturation time for a new can of carbon. The permit holder shall maintain records including the calculations performed to determine the minimum saturation time

(b) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of a MSS waste gas stream. The past experience must be with the same VOC, type of facility, and MSS activity. The basis for the sampling frequency shall be recorded. If the VOC concentration on the initial sample downstream of the first carbon canister following a new polishing canister being put in place is greater than 100 ppmv above background, it shall be assumed that breakthrough occurred while that canister functioned as the final polishing canister and a permit deviation shall be recorded.

(3) The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition No. 36.

(4) Breakthrough is defined as the highest measured VOC concentration at or exceeding 100 ppmv above background. Sufficient new activated carbon canisters shall be maintained at the site to replace spent carbon canisters as specified in this paragraph. When the condition of breakthrough of VOC from the initial saturation canister occurs, the holder of this permit shall implement one of the following alternatives:

(a) the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within four hours; or,

(b) the MSS activity shall cease until a fresh canister replaces the spent first canister.

(5) Records of CAS monitoring shall include the following:

(a) Sample time and date.

(b) Monitoring results (ppmv).

(c) Canister replacement log.

(6) Single canister systems are allowed if the time the carbon canister is in service is limited to no more than 30 percent of the minimum potential saturation time. The permit holder shall maintain records for these systems, including the calculations performed to determine the saturation time. The time limit on carbon canister service shall be recorded and the expiration date attached to the carbon can.

Compliance Assurance Monitoring (CAM)

41. The requirements which follow apply to the vapor capture systems for each of (i) the Converter Flares (EPNs 10FLR-001, 10FLR-002, 10FLR-003, and 10FLR-003A); (ii) the Butadiene Flare (EPN 10FLR-004B); and (iii) the Adiponitrile Flare (EPN 10FLR-005). **(07/18)**

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

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

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

B. The control device shall not have a bypass, unless it complies with either of the following requirements:

(1) Install a flow indicator that records and verifies zero flow at least once every 15 minutes immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or

(2) Once a month, inspect the valves, verifying the position of the valves and the condition of the car seals prevent flow out the bypass.

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. **(07/18)**

C. 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.

Greenhouse Gases (GHG)

42. Permit holders must keep records sufficient to demonstrate compliance with 30 Texas Administrative Code § 116.164. If construction, a physical change or a change in method of operation results in Prevention of Significant Deterioration (PSD) review for criteria pollutants, records shall be sufficient to demonstrate the amount of emissions of GHGs from the source as a result of construction, a physical change or a change in method of operation does not require authorization under 30 TAC §116.164(a). If there is construction, a physical change or change in the method of operation that will result in a net emissions increase of 75,000 tpy or more CO2e and PSD review is triggered for criteria pollutants, greenhouse gas emissions are subject to PSD review.

43. Monitoring, quality assurance/quality control requirements, emission calculation methodologies, record keeping, and reporting requirements related to Greenhouse Gas (GHG) emissions shall adhere to the applicable requirements in 40 CFR Part 98 and in this permit. **(07/18)**

44. Permittee shall calculate the CO2e emissions on a 12-month rolling basis, based on the procedures and Global Warming Potentials (GWP) contained in Greenhouse Gas Regulations, 40 CFR Part 98, Subpart A, Table A-1. **(07/18)**

45. Records of emissions of GHG, and how they were determined, in compliance with Special Condition Nos. 42, 43, and 44 must be maintained by the holder of this permit in a form suitable for inspection for a period of five years after collection and must be made available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction. **(07/18)**

Phase In Schedule for Latest Maximum Allowable Emissions Rates for the ADN Retrofit Project

46. Attachment E provides the MAERT Phase In Schedule for all EPNs authorized by NSR Permit 7186. This special condition and Attachment E shall be deleted once the final milestone date given in the attachment has been achieved during the next appropriate permitting action. The MAERT shall be revised accordingly. **(07/18)**

Table 1
Permit Numbers 7186, PSDTX1079M2, and GHGPSDTX145M1
Tabulation of Relief Valves

Area	Equipment Number	
Building 4032	1441	1600 (2 Valves)
	1442	5010 (2 Valves)
	1445	
Building 4035	1020	1609 (2 Valves)
	1201	1612
	1510	1613
	1601	2103
	1602	2104 (3 Valves)
Building 4042	1010	1180
	1020 (3 Valves)	1185
	1065	1190 (4 Valves)
	1102 (2 Valves)	1195 (2 Valves)
	1105 (2 Valves)	1500 (2 Valves)
	1140 (3 Valves)	1600 (4 Valves)
	1145	2700 (2 Valves)
	1150 (3 Valves)	2701 (2 Valves)
	1155	2703
	1165	2710
Building 4052	1205 (2 Valves)	1270 (2 Valves)
	1210 (2 Valves)	1280
	1215 (3 Valves)	1281 (2 Valves)
	1220 (2 Valves)	1290
	1230 (2 Valves)	1300
	1250	1500
	1252 (2 Valves)	1600 (2 Valves)
	1255	2605 (2 Valves)
	1260	2610
	1261	2750
	1265 (2 Valves)	2760
Building 4062	1210 (2 Valves)	1285
	1211 (2 Valves)	1010
	1220 (2 Valves)	1290
	1230 (2 Valves)	1295 (4 Valves)
	1240 (2 Valves)	1370
	1250	2230 (3 Valves)
	1260 (3 Valves)	2260 (2 Valves)
	1261	2261 (3 Valves)
	1270 (2 Valves)	2270 (4 Valves)
	1280 (2 Valves)	2650 (3 Valves
Building 4065	5000 (2 Valves)	5010 (2 Valves)
Building 4073	2210	2285
Building 4075	1000 (2 Valves)	1010 (2 Valves)
Building 4087	5000	5061 (2 Valves)
	5060 (2 Valves)	

Area	Equipment Number	
Building 1563	1250 (2 Valves)	
Building 1561	1310 (2 Valves)	1500
	1340	
Building 3280	1600 (6 Valves)	

Date: January 28, 2021

Attachment A
Permit Numbers 7186, PSDTX1079M2, and GHGPSDTX145M1
Inherently Low Emitting Activities

Activity	Emissions				
	VOC	NO_x	CO	PM	H_2S/SO_2
Management of sludge from pits, ponds, sumps, and water conveyances	x				
Aerosol Cans	x				
Calibration of analytical equipment	x		x		
Carbon can replacement	x				
Catalyst charging/handling				x	
Instrumentation/analyzer maintenance	x				
Meter proving	x				
Replacement of analyzer filters and screens	x				
Maintenance on water treatment systems (cooling, boiler, potable)	x				
Soap and other aqueous based cleaners	x				
Cleaning sight glasses	x				
Vacuum truck usage for sump/rain water	x				

Date: January 28, 2021

Attachment B
Permit Numbers 7186, PSDTX1079M2, and GHGPSDTX145M1
Routine Maintenance Activities

Pump repair/replacement

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

Compressor repair/replacement

Heat exchanger repair/replacement

Vessel repair/replacement

Cold and Hot Washes

Drain decanting

Frac tank activities

Calandria activities

Seal pot refilling

Filter replacement

Preventive maintenance

Purging activities

Train water and tank draining

Converter maintenance

Butadiene column venting

Butadiene dock inspection

Tank cleaning

Relief Valve / Emergency Vent / Conservation Vent / Flame Arrestor Maintenance

Date: January 28, 2021

Attachment C
Permit Numbers 7186, PSDTX1079M2, and GHGPSDTX145M1
MSS Activity Summary

Facilities	Description	Emissions Activity	EPN
all process units	Converter startup, shutdown, and interlocks of the Adiponitrile (ADN) Unit	vent to flares	10FLR001, 10FLR002, 10FLR003, 10FLR003A
all process units	Testing, startup, and shutdown of the ADN Unit	vent to flare	10FLR004
all process units	Startup and shutdown of the ADN Unit	vent to scrubber and closed sump	10VNT-255
all process units	Maintenance, startup, and shutdown of the ADN Unit	vent to flare	10FLR005 10FLR-004A, 10FLR-004B, 10FUG, 10FUGMSS2
ADN unit	Shutdown of the ADN Unit	vent to temporary or alternative flare	10FLR-TMP, 10FLR-ALT
all process units	Startup and shutdown of the ADN Unit	vent to atmosphere	10MSS-001
see Attachment A	Inherently low emitting activities	vent to atmosphere	10MSS-001, 10MSS-002
see Attachment B	Routine maintenance activities	vent to atmosphere	10MSS-001, 10MSS-002

Date: January 28, 2021

Attachment D
Permit Numbers 7186, PSDTX1079M2, and GHGPSDTX145M1
Confidential Attachment Reference for Loading Operations Limits

This attachment is a placeholder for the confidential Attachment E Loading Operations Limits table which is included by reference. As a minimum the Loading Operations Limits table shall include a description or identification of the liquid to be loaded, the maximum loading rate (gallons per hour) and the maximum loading quantity on a 12-month rolling basis.

The current Confidential Attachment E, Loading Operations Limits can be found attached to the INVISTA letter dated December 9, 2020 *Reponses to Revised Special Conditions and MAERTs* submitted in conjunction with Project No. 315642.

The revision date for the latest valid table is: December 9, 2020

Date: January 28, 2021

Attachment E
Permit Numbers 7186, PSDTX1079M2, and GHGPSDTX145M1
Maximum Allowable Emission Rate Table (MAERT) Phase In Schedule

The Phase In Schedule for the maximum allowable emission rates is provided below. Rates in effect before the ADN Retrofit Project (Table A) will remain in place no later than the project milestones listed below are reached. Once the indicated project milestone is reached, the maximum allowable emission rate shall revert to the value given in the MAERT Table B Maximum Allowable Emission Rates In Effect Upon Completion of the ADN Retrofit Project if not already effective.

(A) EPN	(B) FIN	(C) NAME	Project Milestone
10FLR-001	10FLR001	Convertor Flares (Normal Operations)	TAR - Startup
10FLR-001	10FLR001	Convertor Flares (MSS)	TAR - Startup
10FLR-004	10FLR004	Ammonia Startup Flare (Normal Operations)	TAR - Startup
10FLR-004	10FLR004	Ammonia Startup Flare (MSS)	TAR - Startup
10FLR-004A	10FLR004A	Ammonia Tank Flare (Normal Operations)	TAR - Startup
10FLR-004A	10FLR004A	Ammonia Tank Flare (Startup, Shutdown, Maintenance)	TAR - Startup
10FLR-004B	10FLR004B	Butadiene Flare (Normal Operation)	TAR - Startup
10FLR-004B	10FLR004B	Butadiene Flare (Startup, Shutdown, and Maintenance)	TAR - Startup
10FLR-005	10FLR005 and other	Adiponitrile Flare (ADN Operating Flare) Emissions from Continuous and Non-Continuous Vents from Normal Operation Only	Commissioning
10FLR-005	10FLR005 and other	Adiponitrile Flare (ADN Operating Flare) Emissions from startup, shutdown, or maintenance	TAR - Startup
10FLR-TMP	10FLRTMP	Temporary-Use Flare for Vent Headers During Flare 10FLR-005 Maintenance	TAR - Startup
10FLR-ALT	10FLRALT	Alternative Flare for Vent Headers During Flare 10FLR- 005 Maintenance	TAR - Startup
10FLRALTF	10FLRALTF	Fugitives from Alternative Flare for Vent Headers During Flare 10FLR-005 Maintenance	TAR - Startup
10CLT-040	10CLT040	Cooling Tower	TAR - Startup
10FUG	10FUG	ADN Fugitives	TAR - Startup
10FUG	10FUG	ADN Fugitives MSS Emissions	TAR - Startup
10FUG2	10FUG2	311 Area Fugitives	TAR - Startup
10FUGMSS2	10FUGMSS2	Ammonia Flare 10FLR004A with propane supplemental and pilot fuel	TAR - Startup
10MSS-001	10MSS001	Maintenance, Startup, and Shutdown Emissions in the ADN Area	TAR - Startup
10MSS-002	10MSS002	Maintenance, Startup, and Shutdown Emissions in the 311 Area	TAR - Startup
10FLT-063	10FLT063	Nickel Addition Bag Filter	TAR - Startup
10FLT-063A	10FLT063A	Nickel Vacuum System	TAR - Startup
10FLT-064 (1)	10FLT064	Promoter Dump Dust Collector	Commissioning

(A) EPN	(B) FIN	(C) NAME	Project Milestone
10FLT-065 (1)	10FLT065	Nickel Dump Filter	Commissioning
10LBA-061B	10LBA061B	ADN Barge Loading	TAR - Startup
10LBA-061D	10LBA061D	NH3 Barge Loading	TAR - Startup
10LDR-326A	10LDR326A	ADN Drum Loading	TAR - Startup
10LDR-326B (2)	10LDR326A	2M3BN Drum Loading	TAR - Startup
10LRC-041A	10LRC041A	ADN Railcar Loading	TAR - Startup
10LRC-041B	10LRC041B	ADN Load/Unload	TAR - Startup
10LRC-041C	10LRC041C	ADN Railcar Loading	TAR - Startup
10LRC-041E	10LRC041E	MGN (Refined) and MGN (Crude) Railcar Loading	Post TAR
10LRC-041F (2)	10LRC041F	2PN Railcar Degassing	TAR - Startup
10LTR-036	10LTR036	REF MGN Truck Loading	Post TAR
10LTR-056	10LTR056	#3 Tank Farm Truck Spot	Commissioning
10LTR-057 (2)	10LTR057	2PN Truck Unloading	TAR - Startup
10LTR-061	10LTR061	Truck Loading	Commissioning
10LTR-062 (2)	10LTR062	Misc. Load/Unload	TAR - Startup
10LTR-071 (1)	10LTR071	HCl Solution Loading	Permit Issuance
10LTR-072	10LTR072	MDEA Truck Loading/Unloading	TAR - Startup
10LTR-073	10LTR073	Methanol Brine Truck Loading	TAR - Startup
10LTR-074	10LTR074	Anti-foulant Unloading	TAR - Startup
10LTR-087	10LTR087	Oil Unloading	TAR - Startup
10SCB-154	10TFX054 and 10TFX054A	HCl Scrubber	TAR - Startup
10TFX-010	10TFX010	Fresh Ligand Tank	TAR - Startup
10TFX-027	10TFX027	REF ADN Tank #1	TAR - Startup
10TFX-028	10TFX028	REF ADN Tank #2	TAR - Startup
10TFX-029	10TFX029	REF ADN Tank #3	TAR - Startup
10TFX-030	10TFX030	REF ADN Tank #4	TAR - Startup
10TFX-031	10TFX031	REF ADN Tank #5	TAR - Startup
10TFX-032	10TFX032	REF ADN Tank #6	TAR - Startup
10TFX-032B	10TFX032B	REF ADN Tank #7	TAR - Startup
10TFX-033	10TFX033	North Raffinate Sphere	Commissioning
10TFX-034A	10TFX034A	Middle Raffinate Sphere	Commissioning
10TFX-034B	10TFX034B	South Raffinate Sphere	Commissioning
10TFX-035A	10TFX035A	TG MGN Tank	Commissioning
10TFX-036	10TFX036	REF MGN Tank	Permit Issuance
10TFX-036A	10TFX036A	Promoter PN Sphere	TAR - Startup
10TFX-037	10TFX037	Crude DN Tank	TAR - Startup
10TFX-037A	10TFX037A	Crude MGN Sphere	Permit Issuance
10TFX-038	10TFX038	Ethylene Glycol Tank	TAR - Startup
10TFX-047	10TFX047	Methanol Tank	TAR - Startup
10TFX-049A	10TFX049A	Methanol Solution Mix Tank	TAR - Startup
10TFX-049B	10TFX049B	Methanol Solution Tank (20%)	TAR - Startup

(A) EPN	(B) FIN	(C) NAME	Project Milestone
10TFX-049C	10TFX049C	Methanol Solution Tank (70%)	TAR - Startup
10TFX-057 (3)	10TFX057	Storm Water Tank	Commissioning
10TFX-059	10TFX059	Ammonium Salt Tank	TAR - Startup
10TFX-067	10TFX067	Produced Water Tank	TAR - Startup
10TFX-080	10TFX080	Barge Dock REF ADN Tank	TAR - Startup
10TFX-085	10TFX085	MDEA - Amine Tank	TAR - Startup
10TFX-086	10TFX086	Anti-foulant Tank	TAR - Startup
10TFX-087	10TFX087	Oil Storage Skid	TAR - Startup
10VNT-001	10VNT001	Feed Gas Analyzer Vent	TAR - Startup
10VNT-002	10VNT002	HCN Sample Blower Vent	TAR - Startup
10VNT-003	10VNT003	BD Column Gas Chromatographs	TAR - Startup
10VNT-255	10TFX305 10TFX306	Pump Tank Scrubber and Closed Sump	TAR - Startup
10VNT-255	CLOSED SUMP 10VNT2	Pump Tank Scrubber and Closed Sump (MSS)	TAR - Startup
11TFX-036	11TFX036	HCN/HMD AWST	TAR - Startup
11TFX-047	11TFX047	HCN/HMD HUT	TAR - Startup
11TFX-048	11TFX048	Nitrile HUT	TAR - Startup
11TFX-053	11TFX053	RPF Filtrate Tank #1	TAR - Startup
11TFX-055	11TFX055	311 Area Wastewater Tank	TAR - Startup
11SEP-055A	11SEP-055A	API Decanter	TAR - Startup
11ODP-055B	11ODP-055B	Organics Dumpster	TAR - Startup
11TFX-064	11TFX064	NETZ Filter Feed Tank	TAR - Startup
11TFX-070	11TFX070	NETZ Effluent Tank	TAR - Startup
11TFX-076	11TFX076	Waste Collection Tank	TAR - Startup
11TFX-077	11TFX077	Waste Lift Tank	TAR - Startup
11TFX-153	11TFX153	Precoat Tank #1	TAR - Startup
10RPF-001	10RPF001	Rotary Precoat Filter (RPF) #1	TAR - Startup
10RPF-002	10RPF002	RPF Conveyor/Bagger 1	TAR - Startup
10RPF-005	10RPF005	RPF Diatomaceous Earth Loading	TAR - Startup

(1) New emission source / equipment to be commissioned and / or started up.
(2) Existing emission source to be removed from permit.
(3) Existing emission source that will be vented to atmosphere.
(4) TAR = Turnaround

Date: January 28, 2021

Emission Sources - Maximum Allowable Emission Rates

Permit Number 7186 and PSDTX1079M2

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

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares (7)	CO	1.29	5.66
		NH_3	0.01	0.03
		NO_x	0.16	0.72
		SO_2	0.01	0.04
		VOC	0.28	1.23
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares MSS (8)	CO	331.84	24.50
		NH_3	125.46	8.22
		NO_x	133.24	9.79
		SO_2	0.22	0.02
		VOC	347.29	13.91
10FLR-004	Ammonia Startup Flare	CO	0.19	0.80
		NH_3	0.05	0.20
		NO_x	0.03	0.10
		SO_2	0.01	0.01
		VOC	0.04	0.16
10FLR-004	Ammonia Startup Flare MSS Emissions	CO	116.00	10.58
		NH_3	95.80	8.75
		NO_x	55.66	5.62
		SO_2	0.13	0.02
		VOC	22.54	1.32
10FLR-004A	Ammonia Tank Flare	CO	1.67	3.65
		NH_3	0.47	0.80
		NO_x	0.44	0.83
		SO_2	0.02	0.02
		VOC	0.63	1.61

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10FLR-004A	Ammonia Tank Flare MSS Emissions	CO	12.43	0.60
		NH_3	21.33	0.54
		NO_x	12.11	0.34
		SO_2	<0.01	<0.01
		VOC	4.94	0.28
10FLR-004B	Butadiene Flare	CO	9.32	10.51
		NO_x	2.21	3.65
		SO_2	0.01	0.02
		VOC	2.74	3.40
10FLR-004B	Butadiene Flare MSS Emissions	CO	15.61	1.59
		NO_x	5.23	0.29
		SO_2	0.03	0.01
		VOC	9.64	0.53
10FLR-005	Adiponitrile Flare	CO	1,637.74	2,569.39
		NH_3	1.32	1.04
		NO_x	141.16	184.34
		SO_2	0.04	0.08
		VOC	624.33	518.06
		HCN	0.01	0.01
10FLR-005	Adiponitrile Flare MSS Emissions	CO	1,069.32	81.50
		NH_3	0.01	0.01
		NO_x	231.63	14.00
		SO_2	0.63	0.07
		VOC	1,042.13	65.17
10FLR-TMP	TEMP Flare (6)	CO	1.98	0.32
		NH_3	0.05	0.01
		NO_x	0.41	0.07
		SO_2	0.01	0.01
		VOC	2.97	0.47

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10FLR-ALT	Alternative Flare for 10FLR-005	CO	5.56	1.96
		NH_3	0.05	0.02
		NO_X	0.89	0.29
		SO_2	<0.01	<0.01
		VOC	6.36	2.18
10FLRALTF	Fugitives from Alternative Flare for 10FLR-005 (5)	NH_3	0.02	0.01
		VOC	1.89	0.01
10CLT-040	Cooling Tower	NH_3	3.83	16.75
		PM_{10}	1.10	4.21
		VOC	3.83	16.75
10FUG	ADN Fugitives (5)	CO	0.17	0.53
		H_2S	0.01	0.01
		NH_3	2.48	8.07
		VOC	55.15	195.80
		HCN	0.02	0.02
10FUG	ADN Fugitives (5) MSS Emissions	CO	0.01	0.01
		NH_3	0.01	0.01
		VOC	0.04	0.15
10FUG2	311 Fugitives (5)	HCl	0.02	0.07
		NH_3	0.03	0.06
		VOC	1.26	5.41
10FUGMSS2	Ammonia Flare 10FLR004A, propane supplemental and pilot fuel	VOC	0.38	0.02
10MSS-001	MSS in ADN Area MSS Emissions	CO	0.02	0.01
		CL_2	0.06	0.01
		H_2O_2	0.01	0.01
		HCl	0.08	0.01
		NH_3	2.13	0.02
		VOC	164.93	3.23
10MSS-002	MSS in 311 Area MSS Emissions	HCl	6.26	0.06
		NH_3	2.20	0.05

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		VOC	7.32	0.42
10FLT-063	Nickel Addition Bag Filter	PM_{10}	0.01	0.01
10FLT-063A	Nickel Powder Vacuum System	PM_{10}	0.05	0.01
10LBA-061B	ADN Barge Loading	VOC	0.18	0.06
10LBA-061D	NH_3 Barge Loading	NH_3	0.69	0.05
10LDR-326A	ADN Drum Loading	VOC	0.01	0.01
10LDR-326B	2M3BN Drum Loading	VOC	0.01	0.01
10LRC-041A	ADN Railcar Loading	VOC	0.02	0.02
10LRC-041B	ADN Load/Unload	VOC	0.02	0.02
10LRC-041C	ADN Railcar Loading	VOC	0.02	0.02
10LRC-041E	MGN Railcar Loading	VOC	0.09	0.02
10LRC-041F	2PN Railcar Degassing	VOC	9.42	0.18
10LTR-036	REF MGN Truck Loading	VOC	0.04	0.02
10LTR-056	No. 3 Tank Farm Truck Spot	VOC	2.05	0.08
10LTR-057	2PN Truck Unloading	VOC	0.04	0.01
10LTR-061	Truck Loading	VOC	3.53	0.75
		NH_3	0.05	0.02
10LTR-062	Misc. Load/Unload	VOC	0.07	0.01
10LTR-072	MDEA Truck Loading/Unloading	VOC	0.03	0.01
10LTR-073	Methanol Brine Truck Loading	VOC	0.32	0.01
10LTR-074	Anti-foulant Unloading	VOC	0.01	0.01
10LTR-087	Oil Unloading	VOC	0.01	0.01
10SCB-154	HCl Scrubber	HCl	0.38	0.05
10TFX-010	Fresh Ligand Tank	VOC	0.01	0.01
10TFX-027	REF ADN Tank No. 1	VOC	0.21	0.04
10TFX-028	REF ADN Tank No. 2	VOC	0.21	0.04
10TFX-029	REF ADN Tank No. 3	VOC	0.21	0.04
10TFX-030	REF ADN Tank No. 4	VOC	0.21	0.04
10TFX-031	REF ADN Tank No. 5	VOC	0.21	0.04
10TFX-032	REF ADN Tank No. 6	VOC	0.21	0.04
10TFX-032B	REF ADN Tank No. 7	VOC	0.10	0.12

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10TFX-033	North Raffinate Sphere	VOC	17.39	0.70
10TFX-034A	Middle Raffinate Sphere	VOC	17.39	0.70
10TFX-034B	South Raffinate Sphere	VOC	17.39	0.70
10TFX-035A	TG MGN Tank	VOC	1.49	0.56
10TFX-036	REF MGN Tank	VOC	0.04	0.12
10TFX-036A	Promoter PN Sphere	VOC	3.45	1.52
10TFX-037	Crude DN/MGN Tank	VOC	0.07	0.02
10TFX-037A	Crude MGN Sphere	VOC	0.31	0.11
10TFX-038	Ethylene Glycol Tank	VOC	0.15	0.01
10TFX-047	Methanol Tank	VOC	10.38	0.22
10TFX-049A	Methanol Solution Mix Tank	VOC	1.32	0.03
10TFX-049B	Methanol Solution Tank (20%)	VOC	1.26	0.01
10TFX-049C	Methanol Solution Tank (70%)	VOC	0.37	0.01
10TFX-059	Ammonium Salt Tank	NH_3	0.08	0.01
		VOC	0.02	0.01
10TFX-067	Produced Water Tank	NH_3	0.03	0.02
		VOC	0.01	0.01
10TFX-080	Barge Dock REF ADN Tank	VOC	0.34	0.33
10TFX-085	MDEA Amine Tank	VOC	0.01	0.01
10TFX-086	Anti-foulant Tank	VOC	0.50	0.01
10TFX-087	Oil Storage Skid	VOC	0.05	0.01
10VNT-001	Feed Gas Analyzer Vent	NH_3	0.09	0.36
		VOC	0.01	0.01
10VNT-002	HCN Sample Blower Vent	CO	0.01	0.01
		NH_3	0.19	0.01
		VOC	0.26	0.01
10VNT-003	BD Column GCs	HCN	0.01	0.01
		VOC	0.02	0.02
10VNT-255	Pump Tank Scrubber and Closed Sump	CO	0.02	0.07
		VOC	0.14	0.53
10VNT-255	Pump Tank Scrubber and	CO	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
	Closed Sump MSS Emissions	VOC	66.80	0.68
11TFX-036	HCN/HMD AWST	NH_3	3.62	1.72
		VOC	1.34	0.65
11TFX-047	HCN/HMD HUT	NH_3	1.47	0.87
		VOC	0.55	0.33
11TFX-048	Nitrile HUT	NH_3	1.03	0.46
		VOC	0.41	0.19
11TFX-053	RPF Filtrate Tank No. 1	NH_3	0.17	0.05
		VOC	0.01	0.01
11TFX-055	311 Area Wastewater Tank	NH_3	0.21	0.06
		VOC	0.05	0.02
11SEP-055A	API Decanter	NH_3	0.18	0.05
		VOC	0.05	0.02
11ODP-055B	Organics Dumpster	VOC	0.01	0.01
11TFX-064	NETZ Filter Feed Tank	NH_3	0.39	0.28
		VOC	0.17	0.13
11TFX-070	NETZ Effluent Tank	NH_3	0.47	0.31
		VOC	0.20	0.14
11TFX-076	Waste Collection Tank	NH_3	0.10	0.07
		VOC	0.03	0.02
11TFX-077	Waste Lift Tank	NH_3	0.01	0.01
		VOC	0.01	0.01
11TFX-153	Precoat Tank No. 1	NH_3	0.08	0.01
		VOC	0.03	0.01
10RPF-001	Rotary Precoat Filter No. 1	NH_3	1.93	3.44
		VOC	0.28	0.54
10RPF-002	RPF Conveyor/Bagger 1	NH_3	0.01	0.01
		VOC	0.01	0.01
10RPF-005	RPF Diatomaceous Earth Loading	PM_{10}	0.01	0.01

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

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares – Normal Operations (7)	CO	1.29	5.66
		NH_3	0.01	0.03
		NO_x	0.16	0.72
		SO_2	0.01	0.04
		HCN	0.02	0.10
		VOC	0.26	1.13
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares MSS (8)	CO	331.84	24.50
		NH_3	125.46	8.22
		NO_x	133.24	9.79
		SO_2	0.22	0.02
		HCN	341.40	13.08
		VOC	5.89	0.83
10FLR-004	Ammonia Startup Flare – Normal Operations	CO	0.19	0.80
		NH_3	0.05	0.20
		NO_x	0.03	0.10
		SO_2	0.01	0.01
		HCN	<0.01	<0.01
		VOC	0.04	0.16
10FLR-004	Ammonia Startup Flare MSS	CO	116.00	10.58
		NH_3	95.80	8.75
		NO_x	55.66	5.62
		SO_2	0.13	0.02
		HCN	0.09	<0.01
		VOC	22.45	1.32

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10FLR-004A	Ammonia Tank Flare – Normal Operations	CO	1.67	3.65
		NH_3	0.47	0.80
		NO_x	0.44	0.83
		SO_2	0.02	0.02
		VOC	0.63	1.61
10FLR-004A	Ammonia Tank Flare MSS	CO	12.43	0.6
		NH_3	21.33	0.54
		NO_x	12.11	0.34
		SO_2	<0.01	<0.01
		VOC	4.94	0.28
10FLR-004B	Butadiene Flare – Normal Operations	CO	9.32	10.51
		NO_x	2.21	3.65
		SO_2	0.01	0.02
		VOC	2.74	3.40
10FLR-004B	Butadiene Flare MSS	CO	15.61	1.59
		NO_x	5.23	0.29
		SO_2	0.03	0.01
		VOC	9.64	0.53
10FLR-005	Adiponitrile Flare (ADN Operating Flare) – Emissions from Continuous and Non-Continuous Vents from Normal Operation Only	CO	1760.42	2543.02
		NH_3	0.03	0.11
		NO_x	155.81	183.21
		SO_2	0.03	0.07
		HCN	9.86	15.08
		VOC	904.21	502.36
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - MSS	CO	1067.26	81.58
		NH_3	0.24	0.01
		NO_x	218.88	13.96
		SO_2	0.63	0.07
		HCN (10)	397.71	25.03
		VOC	666.77	40.22

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10FLR-TMP	Temporary-Use Flare for Vent Headers During Flare (EPN: 10FLR-005) Maintenance (6)	CO	1.98	0.32
		NH_3	0.05	0.01
		NO_x	0.41	0.07
		SO_2	0.01	0.01
		HCN	0.06	0.01
		VOC	2.91	0.46
10FLR-ALT	Alternative Flare for 10FLR-005 Maintenance	CO	5.56	1.96
		NH_3	0.05	0.02
		NO_x	0.89	0.29
		SO_2	<0.01	<0.01
		HCN	0.06	0.02
		VOC	6.30	2.16
10FLRALTF	Fugitives from Alternative Flare for Vent Headers During Flare 10FLR-005 Maintenance (5)	NH_3	0.02	0.01
		HCN	0.01	<0.01
		VOC	1.88	0.01
10CLT-040	Cooling Tower	NH_3	3.83	16.75
		PM	0.55	2.11
		PM_{10}	0.30	1.18
		$PM_{2.5}$	<0.01	<0.01
		HCN	0.46	2.00
		VOC	3.83	16.75
10FUG	ADN Fugitives (5)	CO	0.17	0.50
		H_2S	0.01	0.01
		NH_3	2.34	7.46
		HCN	1.84	6.13
		VOC	55.95	204.3
10FUG	ADN Fugitives MSS Emissions (5)	CO	0.01	0.01
		NH_3	0.01	0.01
		HCN	<0.01	<0.01
		VOC	0.04	0.15

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10FUG2	311 Area Fugitives (5)	HCl	0.02	0.07
		NH_3	0.03	0.06
		HCN	0.03	0.12
		VOC	1.23	5.29
10FUGMSS2	Ammonia Flare 10FLR004A with propane supplemental and pilot fuel	VOC	0.38	0.02
10MSS-001	MSS Emissions in the ADN Area	CO	0.02	0.01
		Cl_2	0.06	0.01
		H_2O_2	0.01	0.01
		HCl	0.08	0.01
		NH_3	5.38	0.03
		HCN (10)	0.84	0.01
		VOC	206.54	4.10
10MSS-002	MSS Emissions in the 311 Area	HCl	6.26	0.06
		NH_3	1.15	0.02
		HCN	0.12	<0.01
		VOC	8.14	0.43
10FLT-063	Nickel Addition Bag Filter	PM_{10}	0.01	0.01
10FLT-063A	Nickel Vacuum System	PM_{10}	0.05	0.01
10FLT-064	Promoter Dump Dust Collector	VOC	0.05	0.03
		PM	0.11	0.47
		PM_{10}	0.11	0.47
		$PM_{2.5}$	0.11	0.47
10FLT-065	Nickel Dump Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
10LBA-061B	ADN Barge Loading	VOC	0.28	0.06
10LBA-061D	NH_3 Barge Loading	NH_3	0.69	0.05
10LDR-326A	ADN Drum Loading	VOC	<0.01	<0.01
10LRC-041A	ADN Railcar Loading	VOC	0.03	0.01
10LRC-041B	ADN Load/Unload	VOC	0.03	0.01

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10LRC-041C	ADN Railcar Loading	VOC	0.03	0.01
10LRC-041E	MGN (Refined) and MGN (Crude) Railcar Loading	VOC	0.17	0.01
		HCN	<0.01	<0.01
10LTR-036	REF MGN Truck Loading	VOC	0.06	0.01
10LTR-056	No. 3 Tank Farm Truck Spot	VOC	5.14	0.10
		HCN	<0.01	<0.01
10LTR-061	Truck Loading	VOC	5.12	0.92
		NH_3	<0.01	<0.01
		HCN	<0.01	<0.01
10LTR-071	HCl Solution Loading	HCl	0.15	0.02
10LTR-072	MDEA Truck Loading/Unloading	VOC	<0.01	<0.01
10LTR-073	Methanol Brine Truck Loading	VOC	0.20	<0.01
10LTR-074	Anti-foulant Unloading	VOC	0.01	<0.01
10LTR-087	Oil Unloading	VOC	<0.01	<0.01
10SCB-154	HCl Scrubber	HCl	0.40	0.04
10TFX-010	Fresh Ligand Tank	VOC	<0.01	<0.01
10TFX-027	REF ADN Tank No. 1	VOC	0.10	0.02
		HCN	<0.01	<0.01
10TFX-028	REF ADN Tank No. 2	VOC	0.10	0.02
		HCN	<0.01	<0.01
10TFX-029	REF ADN Tank No. 3	VOC	0.10	0.02
		HCN	<0.01	<0.01
10TFX-030	REF ADN Tank No. 4	VOC	0.10	0.02
		HCN	<0.01	<0.01
10TFX-031	REF ADN Tank No. 5	VOC	0.10	0.02
		HCN	<0.01	<0.01
10TFX-032	REF ADN Tank No. 6	VOC	0.10	0.02
		HCN	<0.01	<0.01
10TFX-032B	REF ADN Tank No. 7	VOC	0.06	0.05
		HCN	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10TFX-033	North Raffinate Sphere (9)	VOC	13.56	0.03
		HCN	<0.01	<0.01
10TFX-034A	Middle Raffinate Sphere (9)	VOC	13.56	0.03
		HCN	<0.01	<0.01
10TFX-034B	South Raffinate Sphere (9)	VOC	13.56	0.03
		HCN	<0.01	<0.01
10TFX-035A	TG MGN Tank	VOC	0.47	0.16
		HCN	0.49	0.17
10TFX-036	REF MGN Tank	VOC	0.19	0.11
		HCN	0.08	0.09
10TFX-036A	Promoter PN Sphere	VOC	5.14	2.27
10TFX-037	Crude DN Tank	VOC	0.11	0.02
		HCN	0.03	0.01
10TFX-037A	Crude MGN Sphere	VOC	0.71	0.29
		HCN	0.75	0.36
10TFX-038	Ethylene Glycol Tank	VOC	0.18	<0.01
10TFX-047	Methanol Tank	VOC	21.83	0.14
10TFX-049A	Methanol Solution Mix Tank	VOC	2.18	0.02
10TFX-049B	Methanol Solution Tank (20%)	VOC	4.31	<0.01
10TFX-049C	Methanol Solution Tank (70%)	VOC	3.27	<0.01
10TFX-057	Storm Water Tank	VOC	0.08	<0.01
		HCN	0.85	0.01
10TFX-059	Ammonium Salt Tank	NH_3	0.08	<0.01
		VOC	0.01	<0.01
		HCN	<0.01	<0.01
10TFX-067	Produced Water Tank	NH_3	0.01	<0.01
		VOC	<0.01	<0.01
		HCN	<0.01	<0.01
10TFX-080	Barge Dock REF ADN Tank	VOC	0.45	0.18
		HCN	<0.01	<0.01
10TFX-085	MDEA Amine Tank	VOC	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10TFX-086	Anti-foulant Tank	VOC	0.97	<0.01
10TFX-087	Oil Storage Skid	VOC	0.02	<0.01
10VNT-001	Feed Gas Analyzer Vent	NH_3	0.09	0.36
		VOC	0.01	0.01
		HCN	<0.01	<0.01
10VNT-002	HCN Sample Blower Vent	CO	0.01	0.01
		NH_3	0.19	0.01
		VOC	0.01	<0.01
		HCN	0.25	<0.01
10VNT-003	BD Column Gas Chromatographs	VOC	0.01	0.01
		HCN	<0.01	<0.01
10VNT-255	Pump Tank Scrubber and Closed Sump	CO	0.02	0.07
		VOC	0.14	0.53
		HCN	<0.01	<0.01
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO	0.01	0.01
		HCN	37.50	0.23
		VOC	29.30	0.45
11TFX-036	HCN/HMD AWST	NH_3	<0.01	<0.01
		HCN	0.07	0.33
		VOC	0.34	1.48
11TFX-047	HCN/HMD HUT	NH_3	<0.01	<0.01
		HCN	0.06	0.25
		VOC	0.11	0.47
11TFX-048	Nitrile HUT	NH_3	<0.01	<0.01
		HCN	<0.01	0.01
		VOC	0.34	1.48
11TFX-053	RPF Filtrate Tank No. 1	NH_3	0.46	0.14
		VOC	<0.01	<0.01
11TFX-055	311 Area Wastewater Tank	NH_3	0.14	0.04
		VOC	0.02	0.01

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (11)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
11SEP-055A	API Decanter	NH_3	0.14	0.04
		VOC	0.02	0.01
11ODP-055B	Organics Dumpster	VOC	<0.01	<0.01
11TFX-064	NETZ Filter Feed Tank	NH_3	<0.01	<0.01
		HCN	<0.01	<0.01
		VOC	0.19	0.81
11TFX-070	NETZ Effluent Tank	NH_3	0.06	0.04
		HCN	0.01	<0.01
		VOC	0.09	0.06
11TFX-076	Waste Collection Tank	NH_3	0.11	0.07
		HCN	0.01	0.01
		VOC	0.17	0.12
11TFX-077	Waste Lift Tank	NH_3	0.01	<0.01
		HCN	<0.01	<0.01
		VOC	<0.01	<0.01
11TFX-153	Precoat Tank No. 1	NH_3	0.07	<0.01
		HCN	<0.01	<0.01
		VOC	0.02	<0.01
10RPF-001	Rotary Precoat Filter No. 1	NH_3	1.93	3.44
		VOC	0.28	0.54
		HCN	<0.01	<0.01
10RPF-002	RPF Conveyor/Bagger 1	NH_3	0.01	0.01
		VOC	0.01	0.01
10RPF-005	RPF Diatomaceous Earth Loading	PM_{10}	0.01	0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide

Emission Sources - Maximum Allowable Emission Rates

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
Cl_2 - chlorine
H_2O_2 - hydrogen peroxide
HCl - hydrogen chloride
HCN - hydrogen cyanide
H_2S - hydrogen sulfide
NH_3 - ammonia

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) This flare is authorized to operate for 336 hours per year and only when Flare 10FLR-005 is shut down for maintenance during an ADN unit turnaround. (01/08)
(7) Only one converter can be in startup mode at a time.
(8) Converter startups are limited to 36 total for all converters in a rolling 12-month period. (01/08)
(9) Only one of the three Raffinate spheres will be filled at any time.
(10) For Maximum Allowable Emission Rate Tables (MAERT) dated August 9, 2016 and earlier, the HCN allowable emission rate was included with the VOC allowable emission rate limit. For subsequent amendments, modified sources emitting HCN shall represent this rate as a separate HCN limit for this emission point. During the next renewal application, an amendment application shall be submitted to separate all remaining HCN emissions still included in the VOC limit and included them as separate HCN limits by EPN in the MAERT. The VOC emission rate limit shall be reduced accordingly when HCN is reported as a separate limit. This note shall be deleted once all HCN emission rate limits are shown separately.
(11) Effective project milestones for the new allowable emission rates are specified in Attachment E of the Special Conditions.

Date: January 28, 2021

Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX145M1

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for all sources of GHG air contaminants on the applicant's property that are authorized 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 authorized by this permit.

Air Contaminants Data

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares	CO_2 (5)	1,389.10
		CH_4 (5)	3.41
		N_2O (5)	0.02
		CO_2e	1,480.31
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares MSS	CO_2 (5)	3,773.39
		CH_4 (5)	7.44
		N_2O (5)	0.01
		CO_2e	3,962.37
10FLR-004	Ammonia Startup Flare	CO_2 (5)	196.87
		CH_4 (5)	0.49
		N_2O (5)	0.01
		CO_2e	212.10
10FLR-004	Ammonia Startup Flare MSS Emissions	CO_2 (5)	1,673.50
		CH_4 (5)	4.13
		N_2O (5)	0.01
		CO_2e	1,779.73
10FLR-004A	Ammonia Tank Flare	CO_2 (5)	466.97
		CH_4 (5)	8.40
		N_2O (5)	0.01
		CO_2e	679.95

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10FLR-004A	Ammonia Tank Flare MSS Emissions	CO_2 (5)	118.03
		CH_4 (5)	0.10
		N_2O (5)	0.01
		CO_2e	123.51
10FLR-004B	Butadiene Flare	CO_2 (5)	4,171.65
		CH_4 (5)	10.25
		N_2O (5)	0.01
		CO_2e	4,430.88
10FLR-004B	Butadiene Flare MSS Emissions	CO_2 (5)	460.53
		CH_4 (5)	1.08
		N_2O (5)	0.01
		CO_2e	490.51
10FLR-005	Adiponitrile Flare	CO_2 (5)	326,117.42
		CH_4 (5)	98.78
		N_2O (5)	1.76
		CO_2e	329,111.40
10FLR-005	Adiponitrile Flare MSS Emissions	CO_2 (5)	19,413.61
		CH_4 (5)	29.31
		N_2O (5)	0.02
		CO_2e	20,152.32

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10FLR-TMP	TEMP Flare	CO_2 (5)	91.81
		CH_4 (5)	0.10
		N_2O (5)	0.01
		CO_2e	97.29
10FLR-ALT	Alternative Flare for 10FLR-005	CO_2 (5)	544.91
		CH_4 (5)	0.01
		N_2O (5)	0.01
		CO_2e	548.14
10FUG	ADN Fugitives	CO_2 (5)	0.99
		CH_4 (5)	14.57
		CO_2e	365.24
10FUG	ADN Fugitives MSS Emissions	CO_2 (5)	0.06
		CH_4 (5)	0.01
		CO_2e	0.31
10MSS-001	MSS in ADN Area MSS Emissions	CO_2 (5)	0.18
		CH_4 (5)	0.60
		CO_2e	15.18
10MSS-002	MSS in 311 Area MSS Emissions	CO_2 (5)	0.10
		CO_2e	0.10
10VNT-001	Feed Gas Analyzer Vent	CO_2 (5)	0.01
		CH_4 (5)	0.28
		CO_2e	7.01

Emission Sources - Maximum Allowable Emission Rates

Table A - Maximum Allowable Emission Rates in Effect Before ADN Retrofit Project

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10VNT-002	HCN Sample Blower Vent	CO_2 (5)	0.01
		CH_4 (5)	0.01
		CO_2e	0.26
10VNT-003	BD Column GCs	CH_4 (5)	0.01
		CO_2e	0.25
10VNT-255	Pump Tank Scrubber and Closed Sump	CO_2 (5)	4.60
		CH_4 (5)	0.01
		CO_2e	4.85
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO_2 (5)	0.25
		CH_4 (5)	1.50
		CO_2e	37.75

Permit Number GHGPSDTX145M1

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for all sources of GHG air contaminants on the applicant's property that are authorized 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 authorized by this permit.

Air Contaminants Data

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares - Normal Operations	CO_2 (5)	1389.10
		CH_4 (5)	3.41
		N_2O (5)	0.02
		CO_2e	1480.31
10FLR-001 10FLR-002 10FLR-003 10FLR-003A	Converter Flares - MSS	CO_2 (5)	3773.39
		CH_4 (5)	7.44
		N_2O (5)	0.01
		CO_2e	3962.37
10FLR-004	Ammonia Startup Flare – Normal Operations	CO_2 (5)	196.87
		CH_4 (5)	0.49
		N_2O (5)	0.01
		CO_2e	212.10
10FLR-004	Ammonia Startup Flare - MSS	CO_2 (5)	1673.50
		CH_4 (5)	4.13
		N_2O (5)	0.01
		CO_2e	1779.73
10FLR-004A	Ammonia Tank Flare – Normal Operations	CO_2 (5)	466.97
		CH_4 (5)	8.40
		N_2O (5)	0.01
		CO_2e	679.95

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10FLR-004A	Ammonia Tank Flare - MSS	CO_2 (5)	118.03
		CH_4 (5)	0.10
		N_2O (5)	0.01
		CO_2e	123.51
10FLR-004B	Butadiene Flare – Normal Operation	CO_2 (5)	4171.65
		CH_4 (5)	10.25
		N_2O (5)	0.01
		CO_2e	4430.88
10FLR-004B	Butadiene Flare - MSS	CO_2 (5)	460.53
		CH_4 (5)	1.08
		N_2O (5)	0.01
		CO_2e	490.51
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - Emissions from Continuous and Non-Continuous Vents from Normal Operation Only	CO_2 (5)	320498.02
		CH_4 (5)	82.98
		N_2O (5)	1.74
		CO_2e	323091.78
10FLR-005	Adiponitrile Flare (ADN Operating Flare) - MSS	CO_2 (5)	19448.28
		CH_4 (5)	29.31
		N_2O (5)	0.02
		CO_2e	20187.04

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10FLR-TMP	Temporary-Use Flare for Vent Headers During Flare (EPN: 10FLR-005) Maintenance	CO_2 (5)	91.81
		CH_4 (5)	0.10
		N_2O (5)	0.01
		CO_2e	97.29
10FLR-ALT	Alternative Flare for Vent Headers During Flare 10FLR-005 Maintenance	CO_2 (5)	544.91
		CH_4 (5)	0.01
		N_2O (5)	0.01
		CO_2e	548.14
10FUG	ADN Fugitives	CO_2 (5)	0.99
		CH_4 (5)	14.57
		CO_2e	365.24
10FUG	ADN Fugitives – MSS Emissions	CO_2 (5)	0.06
		CH_4 (5)	0.01
		CO_2e	0.31
10MSS-001	MSS in the ADN Area	CO_2 (5)	0.19
		CH_4 (5)	0.60
		CO_2e	15.20
10MSS-002	MSS in the 311 Area	CO_2 (5)	0.10
		CO_2e	0.10
10VNT-001	Feed Gas Analyzer Vent	CO_2 (5)	0.01
		CH_4 (5)	0.28
		CO_2e	7.01

Emission Sources - Maximum Allowable Emission Rates

Table B - Maximum Allowable Emission Rates in Effect Upon Completion of the ADN Retrofit Project (6)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
10VNT-002	HCN Sample Blower Vent	CO_2 (5)	0.01
		CH_4 (5)	0.01
		CO_2e	0.26
10VNT-003	BD Column Gas Chromatographs	CH_4 (5)	0.01
		CO_2e	0.25
10VNT-255	Pump Tank Scrubber and Closed Sump	CO_2 (5)	4.60
		CH_4 (5)	0.01
		CO_2e	4.85
10VNT-255	Pump Tank Scrubber and Closed Sump MSS Emissions	CO_2 (5)	0.25
		CH_4 (5)	1.50
		CO_2e	37.75

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) CO_2 - carbon dioxide
N_2O - nitrous oxide
CH_4 - methane
CO_2e - carbon dioxide equivalents based on the following Global Warming Potentials (1/2015): CO_2 (1), N_2O (298), CH_4(25), SF_6 (22,800), HFC (various), PFC (various)
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.
(6) Effective project milestones for the new allowable emission rates are specified in Attachment E of the Special Conditions.

Date: July 12, 2018

Texas Commission on Environmental Quality
Air Quality Permit

A Permit Is Hereby Issued To
INVISTA S.a r.l.
Authorizing the Continued Operation of
Invista S.a r.l.
Located at **Victoria, Victoria County, Texas**
Latitude 28° 40′ 41″ Longitude −96° 57′ 17″

Permit: 23271, PSDTX1416, PSDTX1079M2 and GHGPSDTX145M1
Issuance Date: May 31, 2019
Expiration Date: May 31, 2029

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code (TAC) Section 116.116 (30 TAC § 116.116)] [1]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120]
3. **Construction Progress**. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.115(b)(2)(A)]
4. **Start-up Notification**. The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.115(b)(2)(B)]
5. **Sampling Requirements**. If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.115(b)(2)(C)]
6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and

operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]

8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)] [1]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification in accordance with 30 TAC §101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC§ 116.115(b)(2)(G)]
10. **Compliance with Rules**. Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to "air pollution" as defined in Texas Health and Safety Code (THSC) §382.003(3) or violate THSC § 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. [1]

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

Special Conditions

Permit Numbers 23271, PSDTX1416, PSDTX1079M2, and GHGPSDTX145M1

Emission Standards

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating requirements specified in the special conditions.

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

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 Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.

   C. Subpart NNN, Standards of Performance for Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations.

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

   A. Subparts A, General Provisions.

   B. Subpart FF, Benzene Waste Operations.

5. These facilities shall comply with all applicable requirements of the EPA regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories (MACT) promulgated in 40 CFR Part 63:

   A. Subparts A, General Provisions.

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

C. Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters.

Operational Practices

6. Nitrogen oxides (NO_x) emissions from the hydrogen reformer burners shall not exceed 0.060 pound of NO_x per MMBtu, higher heating value (HHV) basis. This emission factor does not apply to firing rates less than 130 MMBtu per hour, HHV basis. The natural gas fuel feed rate to the hydrogen reformer burners shall not exceed 180 MMBtu per hour, HHV basis.

7. Opacity shall not exceed five percent averaged over a six-minute period from the Hydrogen Reformer Stack (EPN 16STK-001).

   Observations shall be performed quarterly for a minimum of six minutes and shall be conducted using Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Method 9 or Method 22.

   If visible emissions are observed during a Method 22 observation from the Hydrogen Reformer Stack, then the opacity shall be determined and documented within 24 hours for that emission point using 40 CFR Part 60, Appendix A, Test Method 9. Contributions from uncombined water shall not be included in determining compliance with this condition.

   If the opacity exceeds five percent, corrective action to eliminate the cause of the excessive visible emissions shall be taken promptly and documented within one week of first observation.

   Records of all observations shall be kept.

8. Production of hexamethylenediamine (HMD) shall not exceed the rate represented in the confidential section of the revised permit amendment application, dated June 14, 2014 during any 12-rolling month period. In order to ensure compliance, records shall be kept of the daily production rates and the cumulative production rate for the proceeding 12-rolling month period. These records shall be updated monthly. Daily production rates may be estimated using engineering judgment, and the methods used shall be recorded.

9. Fuel used in the Hydrogen Reformer (EPN 16STK-001) shall be limited to pipeline quality, sweet natural gas. Supplemental fuel used in the Diamine Flare (EPN 04FLR-032) shall be limited to pipeline quality, sweet natural gas or liquid petroleum gas. The natural gas shall be analyzed for total sulfur content at least once per year and shall not exceed 0.2 grains of total sulfur per 100 dry standard cubic feet. Test results from the fuel supplier may be used to satisfy this requirement.

Baghouses

10. Particulate matter outlet grain loading shall not exceed 0.01 grain per dscf of air from any vent. There shall be no visible emissions exceeding 30 seconds in any six-minute period as determined using U.S. Environmental Protection Agency (EPA) Test Method 22. If visible emissions are observed from an emission point, then the opacity shall be determined and documented within 24 hours using 40 CFR Part 60, Appendix A, Test Method 9. If the opacity exceeds five percent, corrective action to eliminate the cause of the excessive visible emissions shall be taken promptly and documented within one week of first observation.

The vents covered by this permit shall not operate unless control devices and associated equipment are maintained in good working order and operating. All vents will be inspected for visible emissions once per day in which the baghouses are in use and a spare-parts filter inventory will be maintained on site. Records shall be maintained of all inspections and maintenance performed.

A pressure monitor shall be installed on baghouses EPN's 11BAG311, 11BAGACID and 11BAGFLTR within 180 days from issuance of the permit amendment application correspondence dated June 14, 2014.

The differential pressure across each baghouse shall be monitored and recorded at least once during each 12 hour shift that the baghouses are in use. The pressure drop shall be at least 1 inch of water and shall not exceed 20 inches of water.

Monitoring data shall be quality assured. 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 0.5 inches water gauge pressure or 0.5% of span.

Flares

11. Diamine Flare (EPN 04FLR-032) shall be designed and operated in accordance with the following requirements:

    A. The flare system shall be designed such that the combined assist natural gas, liquid petroleum gas and waste stream to the flare meets the 40 CFR § 60.18 specifications of minimum heating value and maximum tip velocity under normal, upset, and maintenance flow conditions.

    The 40 CFR § 60.18 heating value and velocity requirements shall be satisfied during operations authorized by this permit. Compliance with these requirements shall be demonstrated by complying with Special Condition 11.D, as allowed by Alternative Means of Control (AMOC) #64, approved on October 14, 2016.

    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. Each pilot flame monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications.

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

    D. The permit holder shall maintain a constant minimum flow of 1,300 standard cubic feet per hour (SCFH) of pilot and supplemental natural gas flow to the Diamine Flare (EPN 04FLR-032) any time there is waste stream flow to the flare. The permit holder shall operate a continuous natural gas flow monitor near the inlet to the flare. Natural gas readings shall be taken at least once every 15 minutes.

    The permit holder shall utilize a continuous flow monitor to measure supplemental natural gas flow. The natural gas flow monitor shall be calibrated on an annual basis to an accuracy of ±5.0 percent. The flow monitor shall operate as required by this special condition at least

95 percent of the time when the flare is operational, averaged over a rolling 12-rolling month period.

E. The permit holder may use propane for up to 500 hours per year in the Diamine Flare (EPN 04FLR-032) to fuel the pilots and provide equivalent heating value in the Diamine Flare (EPN 04/FLR-032).

The permit holder shall maintain a constant minimum flow of 600 standard cubic feet per hour (SCFH) of pilot and supplemental liquid petroleum gas to the Diamine Flare (EPN 04FLR-032) any time there is waste stream flow to the flare. The permit holder shall operate a continuous liquid petroleum gas flow monitor. Liquid petroleum gas readings shall be taken at least once every hour.

Loading

12. Loading operations (barge, rail, truck) are limited to the liquids identified in the confidential table referenced in Attachment D. All loading shall be submerged and rolling 12-month rack throughput records shall be updated on a monthly basis for each product loaded.

13. During loading, the emissions from the EPNs listed below shall be directed to an absorber, the liquid flow in each absorber shall be an amount sufficient to ensure 95 percent removal of Ammonia (NH_3) and organo-amines. The circulation rate shall be monitored and recorded at least once an hour. Additionally, the hourly average liquid flow in each absorber shall be maintained at or above the following minimum flow rates, expressed in gallons per minute (GPM):

EPN	GPM
04LRC-006	22
04LTR-018	3
04LBA-006A	22

The flow 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 2 percent of span or 5 percent of the design value.

Quality assured (or valid) data must be generated when the absorbers are operating. 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 it does not exceed 5 percent of the time (in hours) that the absorbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

14. Loading operations (barge, rail, truck) are limited to the liquids and loading rates identified in the confidential section of the permit amendment application correspondence dated June 14, 2014. All loading shall be submerged and rolling 12-month rack throughput records shall be updated on a monthly basis for each product loaded.

15. All loading lines and connectors shall be visually inspected for any defects prior to hookup. Loading lines and connectors that are visibly damaged shall be removed from service. Loading operations shall cease immediately upon detection of any liquid leaking from the lines or

connections.

For tank truck loading, VOCs having a vapor pressure equal to or greater than 0.5 psia at actual storage conditions shall only be loaded into pressure tank trucks rated at 15 psig or greater. Each tank truck shall be leak checked and certified annually in accordance with 49 CFR 180.407 Department of Transportation (DOT), for pressure tank trucks rated at 15 psig or greater. The permit holder shall not allow a tank truck to be filled unless it has passed a leak-tight test within the past year as evidenced by a certificate which shows the date the tank truck passed the leak-tight test required by this condition and the identification number of the tank truck.

Fugitive Monitoring

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

16. Except as may be provided for in the special conditions of this permit, the following requirements apply to the piping, valves, connectors, pumps, agitators, and compressors:

    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 pound per square inch, absolute (psia) at 68ºF or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request. The exempted components may be identified by one or more of the following methods:

        (1) piping and instrumentation diagram (PID);

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

        (3) color coding;

        (4) a form of weatherproof identification; or

        (5) designation of exempted process unit boundaries.

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

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

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

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

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period:

(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 at the end of the 72- hour period following the creation of the open ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings 500 ppmv above background and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.

F. Accessible valves shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed weekly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR Part 60, Appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs 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. Records of the first attempt to repair 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 NESHAPS and does not constitute approval of alternative standards for these regulations.

17. Relief valves equipped with rupture disks, but are not equipped with alarmed pressure gauges, shall meet the quarterly monitoring requirements of Special Condition No. 16.F.

Piping, Valves, Pumps, and Compressors in NH_3 Service

18. Except as may be provided for in the special conditions of this permit, the following requirements apply to piping, valves, pumps, and compressors in NH_3 service:

    A. Audio, olfactory, and visual checks for NH_3 leaks within the operating area shall be made once per shift (every 12 hours).

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

        (1) Isolate the leak.

        (2) Commence repair or replacement of the leaking component.

        (3) Use a leak collection/containment system to contain the leak until repair or replacement can be made if immediate repair is not possible. Water suppression may be used as a method of containment until repairs are made.

    The 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 TCEQ upon request.

Tanks

19. Tanks approved by this permit and liquids they are authorized to store are listed in Attachment 1.

20. The following storage tanks shall have emissions routed to the Diamine Flare (EPN 04FLR-032):

11TFX-078	11SMP-081	11TFX-067	11PRC-063	11TFX-050
11TFX-049	11PRC-066	11TFX-019	11TFX-018	04TFX-504
04TFX-044	04TFX-026	04TFX-027	04TFX-022B	04TFX-022A
04TFX-031	04TFX-030A	04TFX-030B		

21. Tank FIN 04TFX-027 is a vertical fixed roof storage tank that shall be limited to a maximum filling rate and rolling 12-month throughput specific to alternative MGN processing as identified in the confidential section of the permit amendment application dated April 13, 2018.

Breather Pot

22. Breather Pots, EPNs: 04TVS-023, 04TFX-025, 04TFX-028, 04TFX-029, 04TVS-034, and 04TVS-033 shall operate with no less than 95 percent removal efficiency for HMD and NH_3.

23. The water flow in each breather pot identified in Special Condition No. 22 shall be monitored and the monitored results recorded at least once per day.

Cooling Basins

24. The cooling basin water shall be monitored at the inlet and outlet of the HMD Unit monthly for Total Organic Carbon (TOC) and NH_3 leakage from heat exchangers. The TOC concentrations shall be determined using EPA Test Method 415.1. Ammonia concentrations shall be determined using EPA Test Methods 0350.1, 0350.2, or 0350.3. Within 180 days of issuance of this permit, the permit holder will evaluate whether the ammonia concentrations as measured by EPA Test Methods 0350.1, 0350.2, or 0350.3 are adequate to determine an ammonia leak, as defined below. If the holder of this permit determines that these methods do not adequately detect the concentrations of ammonia required to detect a leak, the holder shall submit to the TCEQ, within the 180 day period, for approval, an alternative method of determining an ammonia leak.

    A. Equipment shall be maintained so as to minimize VOC and ammonia emissions into the cooling water. A leak is detected whenever the difference between the cooling water concentrations measured at the inlet and outlet of the HMD unit exceeds 3.0 ppmw of TOC or 0.1 ppmw above the Victoria Plant laboratory NH_3 Method Detection Limit (MDL), to be determined annually, of ammonia (delta samples) unless three consecutive daily delta samples are taken, the first of which shall be taken within 12 hours of the original samples, and all three samples indicate concentrations below 3.0 ppmw of TOC or 0.1 ppmw of above the MDL of ammonia. The leak shall be repaired as soon as practical. Except as provided in paragraph C of this condition, cooling water emissions are not authorized if repair is not completed within 45 calendar days after the monitoring test indicating a leak. Within 7 calendar days of the repair or start-up, whichever is later, the owner or operator shall confirm that the heat exchange system has been repaired.

    If a leak is detected the cooling water shall be sampled weekly until a leak is confirmed repaired.

    B. If the cooling basin water entering the Diamine Unit has a concentration greater than 3.0 ppmw of TOC or 0.1 ppmw above the MDL of ammonia or shows an increase of 3.0 ppmw of TOC or 0.10 ppmw above the MDL of ammonia over the prior monthly sample, the permit holder shall determine if any equipment from any other process contacting the cooling water system is leaking as determined by the authorization for that equipment. Evaluations of equipment in other processes is not required if the make-up river water in the inlet canal has a TOC concentration within 1 ppm of the cooling basin water entering the Diamine Unit. If a leak is found the permit holder shall make repairs required by the authorization for that equipment in which the leak was found.

    C. The repair of leaking heat exchange equipment within the Diamine Unit may be delayed if:

        (1) the leaking equipment is isolated from the process;

        (2) a shutdown for repair would cause greater emissions than the potential emissions from delaying repair, or

        (3) written TCEQ approval is obtained, in which case the repair may be delayed up to a maximum of 120 calendar days if necessary parts or personnel are not available.

    Time periods and emissions shall be determined from the date when the owner or operator determines that delay of repair is necessary. Within 15 calendar days after determining the

need for a delay in repair, not to exceed 45 days from the monitoring test indicating a leak, the TCEQ Regional office shall be notified of the need for the delay of repair, the reason for the delay, the expected repair date, and provided a copy of all cooling water sampling results since the initial test indicating a leak.

When evaluating Delay of Repair eligibility, VOC emissions (lb/day VOC) shall be estimated by converting the measured TOC increase (lb/day TOC) across the HMD unit to VOC emissions using process stream specific TOC to VOC factors or a conservative factor of 1.6 for HMD.

D. The following methodologies are to be utilized in determining if the shutdown for repair would cause greater emissions than the potential emissions from delaying repair:

(1) The potential cooling water emissions shall be initially determined by using the most recent cooling water sampling results and cooling water flow rate represented in the permit application, PI-1 dated July 14, 2006, and the time to the next projected shutdown.

(2) The emissions estimate shall be updated with each subsequent cooling water sample as follows:

(a) The actual emissions since the need for delay of repair was identified shall be determined by summing the VOC (calculated based on measured TOC concentrations and process knowledge) emissions between each of the cooling water samples taken. The emissions between VOC cooling water samples shall be obtained by multiplying the total cooling water mass flow between cooling water monitoring periods by the higher of the two VOC sample results for the given time period.

(b) These actual emissions shall be added to the updated projected cooling water VOC emissions as of the date of the sample. The projected cooling tower water VOC emissions shall be determined using the most recent sampling results and the projected shutdown date.

The sum of the actual emissions and the updated projected cooling tower emissions shall be compared to the projected shutdown emissions with each cooling water sample. The calculations used to determine the estimated cooling water and shutdown emissions shall be recorded and updated with each cooling water sample. Ammonia emissions shall be determined using Water 9, the sampled ammonia concentration, the highest measured cooling water pH during the period, and the cooling water flow rate as represented in permit application, PI-1 dated July 14, 2006, and the temperature parameters during the period.

Stack Sampling

25. The permit holder shall perform testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from EPN 04TVS-034, to demonstrate compliance with the MAERT and the required VOC and NH_3 removal efficiencies. 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 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, VOC and NH_3 removal efficiencies, tank temperatures, water flow rates, and VOC and NH_3 stream concentrations (both condensibles and noncondensibles) during the sampling period to be observed during the testing.

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 to be tested for include (but are not limited to) VOC and NH_3 (both condensibles and noncondensibles).

C. Sampling shall occur within 90 days after the date of issuance of this permit 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 TCEQ Regional Office.

D. The facility being sampled shall operate during stack emission testing at conditions which send maximum emissions to the Breather Pot, which is anticipated to be during filling of tanks connected to the Breather Pot. 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.

If during subsequent operations,, the tank temperatures or the stream concentrations are greater than that recorded during the test period or the VOC and NH_3 removal efficiencies or the water flow rates are less than recorded during the test prior, 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 copy to the appropriate TCEQ Regional Office.

One copy to each local air pollution control program

F. EPN 04TVS-034 was tested from February 13 to 16, 2008.

Compliance Assurance Monitoring

26. The following requirements apply to capture systems for the Diamine Flare identified as EPN No. 04FLR-032:

A. 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.

B. Once a month, inspect all bypass valves to verify that the position of the valves and the condition of the car seals prevent flow out of the bypass.

C. If the inspections indicate bypass of the control device, the permit holder shall promptly take necessary corrective action and a deviation shall be reported.

D. The date and results of each inspection performed shall be recorded. If the results of any inspection are not satisfactory, the deficiencies shall be recorded and the permit holder shall promptly take necessary corrective action, recording each action with the date completed.

27. The permit holder shall install and operate a continuous flow meter to measure the HMD offgas and HMD oil flow to Boilers 7 and 8 (EPN 17STK-007), the natural gas fuel to the Reformer (EPN 16STK-001) and the natural gas feed to the Reformer (EPN 16VNT-002). Fuel flow for each shall be recorded monthly.

Rolling 12 month flow rates shall not exceed the following:

HMD offgas flow to boilers: 2028 MM scf/yr
Natural Gas fuel flow to Reformer (EPN 16STK-001): 1501.7 MM scf/yr
Natural Gas feed to Reformer (EPN 16VNT-002): 2438 MM scf/yr

The monthly flow rate of HMD Oil to the boilers shall be converted to a lb/yr rolling 12 month average and shall not exceed 48 MMlb/yr.

The permit holder shall install and operate one or more continuous steam flow meters to measure the 550# steam flow from Boilers 7 and 8 (EPN 17STK-007) to the HMD process unit. Steam flow shall be recorded monthly and a rolling 12 month period record must be kept.

The 550# steam flow from boilers utilized by the HMD process unit shall not exceed 2,270 MMlb/yr on a rolling 12 month period record must be kept.

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.

Quality assured (or valid) data must be generated when the boilers (EPN 17STK-007), Reformer (EPN 16STK-001 and EPN 16STK-002) is operating. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the boiler (heater or furnace) operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

Maintenance, Startup, and Shutdown (MSS)

28. This permit authorizes the emissions from the planned MSS activities summarized in the MSS Activity Summary, Attachment C, attached to this permit.

Attachment A identifies the inherently low emitting MSS activities that may be performed at the plant. Emissions from activities identified in Attachment A shall be considered to be equal to the potential to emit represented in the permit application. The estimated emissions from the activities listed in Attachment A must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

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

The performance of each planned MSS activity not identified in Attachment A or B, and the emissions associated with it, shall be recorded and include at least the following information:

A. The process unit at which emissions from the MSS activity occurred, including the emission point number and common name of the process unit;

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

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

D. the date 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 amendment applications, PI-1 dated February 6, 2007, and PI-1 dated January 4, 2008, 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.

29. Process units and facilities, with the exception of those identified in Special Condition No. 31, and in Attachment A, shall be depressurized, emptied, degassed, and placed in service in accordance with the following requirements:

A. The process equipment shall be depressurized to a control device or a controlled recovery system prior to venting to atmosphere, degassing, or draining liquid. Equipment that only contains material that is liquid with VOC partial pressure less than 0.50 psi at the normal process temperature and 95°F may be opened to atmosphere and drained in accordance

with paragraph C of this special condition. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.

B. If mixed phase materials must be removed from process equipment, the cleared material shall be routed to a knockout drum or equivalent to allow for managed initial phase separation. If the VOC partial pressure is greater than 0.50 psi at either the normal process temperature 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.

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 No. 30. 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. If a TVA-1000 series FID analyzer calibrated with methane is used

to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppmv as VOC.

E. Gases and vapors with VOC partial pressure greater than 0.50 psia 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 (such as a boiler or a flare); and

(3) There is no more than 50 lbs of air contaminant to be vented to atmosphere during shutdown or start-up, as applicable.

All instances of venting directly to atmosphere per E of this condition must be documented when occurring as part of any MSS activity. The emissions associated with venting without control must be included in the work order or equivalent for those planned MSS activities identified in Attachment B.

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

A. VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR Part 60, Appendix A) with the following exceptions:

(1) The instrument shall be calibrated within 24 hours of use with a calibration gas 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.

(3) If a TVA-1000 series FID analyzer calibrated with methane is used to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppmv as VOC.

B. Colorimetric gas detector tubes may be used to determine air contaminant concentrations if they are used in accordance with the following requirements:

(1) The air contaminant concentration measured 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 prior to uncontrolled venting:

measured contaminant concentration (ppmv) < release concentration.

Where the release concentration is:

10,000*mole fraction of the total air contaminants present that can be detected by the tube.

The mole fraction may be estimated based on process knowledge. The release concentration and basis for its determination shall be recorded.

Records shall be maintained of the tube type, range, measured concentrations, and time the samples were taken.

C. Lower explosive limit (LEL) measured with an LEL detector may be used to determine air contaminant concentrations if used in accordance with the following requirements:

(1) The detector shall be calibrated monthly with a certified pentane gas standard at 25% of the LEL for pentane. Records of the calibration date/time and calibration result (pass/fail) shall be maintained.

(2) A daily functionality test shall be performed on each detector using the same certified gas standard used for calibration. The LEL monitor shall read no lower than 90% of the calibration gas certified value. Records, including the date/time and test results, shall be maintained.

(3) A certified methane gas standard equivalent to 25% of the LEL for pentane may be used for calibration and functionality tests provided that the LEL response is within 95% of that for pentane.

D. The VOC sampling and analysis may be performed using an instrument with a photo ionization detector (PID) or an approved alternative detector. The instrument/PID must meet all requirements specified in Section 8.1 of EPA Method 21 (40 CFR Part 60, Appendix A).

The instrument/PID shall be calibrated with zero and span calibration gas mixtures prior to sampling and in accordance with the instrument manufacturer's specifications. Zero gas shall be certified to contain between 0 and 5 ppmv total hydrocarbons. The span calibration gas shall be isobutylene at a concentration between 100 and 1000 ppmv and certified by the manufacturer to be accurate to within 2 percent. Calibration error for the zero and span calibration gas checks must be less than 10 percent of the span calibration gas value before sampling may be conducted. The results of these checks shall be recorded.

31. Fixed-roof storage tanks are subject to the following requirements:

A. The tank shall not be opened or ventilated without control, to minimize air circulation in the tank vapor space, except as allowed by (1), (2) or (3) below, until one of the criteria in part B of this condition is satisfied.

(1) 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.

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

(3) Conservation vent and emergency vent (CV/EV) and water seal inspections and maintenance in storage tanks may be conducted as follows:

True Vapor Pressure (psia)	Tank Capacity (gal)	CV/EV and Water Seal Inspection Requirement Time Limit
≤0.5	Any	None
>0.5 and < 1.5	<25,000	None
≥1.5	≤25,000	1 hour
>0.5	>25,000	1 Hour

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 Part 435, Subpart A, Appendix 1.

(b) Take a representative sample of the liquid remaining in the tank and verify hexane soluble VOC concentration is less than 1000 ppmw using EPA method 1664 (may also use 8260B or 5030 with 8015 from SW-846).

(c) Stop ventilation and close the tank for at least 24 hours. When the tank manway is opened after this period, verify VOC concentration is less than 1000 ppmv through the procedure in Special Condition No. 30.

(3) No standing liquid verified through visual inspection.

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 following requirements:

(1) Any gas or vapor removed from the vapor space under the fixed roof must be routed to a control device or a controlled recovery system and controlled degassing must be maintained until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the fixed roof when degassing to the control device or controlled recovery system.

(2) The vapor space under the fixed roof shall be vented using good engineering practice to ensure air contaminants are flushed out of the tank through the control device or controlled recovery system to the extent allowed by the storage tank design.

(3) A volume of purge gas equivalent to twice the volume of the vapor space under the fixed roof must have passed through the control device or into a controlled recovery system, before the vent stream may be sampled to verify acceptable VOC concentration. The measurement of purge gas volume shall not include any make up air introduced into the control device or recovery system. The VOC sampling and analysis shall be performed as specified in Special Condition No. 30.

(4) The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged.

(5) Degassing must be performed every 24 hours unless there is no standing liquid in the tank or the VOC partial pressure of the remaining liquid in the tank is less than 0.15 psia.

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, and

(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 in the events listed in D.1 of this condition, with the data and methods used to determine it. The emissions associated with MSS activities shall be calculated using the methods described in Section 7.1.3.2 of AP-42 “Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids” dated November 2006 and the permit application.

E. Each fixed-roof tank containing liquid with a VOC partial pressure which is less than 0.02 psia at the maximum stored liquid temperature may be opened without restriction and ventilated without control, and shall be subject to the following:

(1) Parts A, B, C, and D of this condition do not apply.

(2) The permit holder shall maintain a record which includes:

(a) tank identification number, name of the material stored, and VOC vapor pressure, in psia, at the maximum stored liquid temperature, and

(b) estimated quantity of each air contaminant, or mixture of air contaminants, emitted during MSS activities, with the data and methods used to determine it. The emissions shall be calculated using the methods described in Section 7.1.3.2 of AP-42 “Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids” dated November 2006 and the permit application.

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

    A. Prior to initial use, identify any liquid in the truck. Record the liquid level and document the VOC partial pressure. After each liquid transfer, identify the liquid, the volume transferred, and its VOC partial pressure.

    B. If vacuum pumps or blowers are operated when liquid is in or being transferred to the truck, the following requirements apply:

        (1) If the VOC partial pressure of the liquid in or being transferred to the truck is greater than 0.50 psi at 95°F, the vacuum/blower exhaust shall be routed to a control device or a controlled recovery system.

        (2) Equip fill line intake with a "duckbill" or equivalent attachment if the hose end cannot be submerged in the liquid being collected.

        (3) A daily record containing the information identified below is required for each vacuum truck in operation at the site each day.

            (a) For each liquid transfer made with the vacuum operating, record the duration of any periods when air may have been entrained with the liquid transfer. The reason for operating in this manner and whether a "duckbill" or equivalent was used shall be recorded. Short, incidental periods, such as those necessary to walk from the truck to the fill line intake, do not need to be documented.

            (b) If the vacuum truck exhaust is controlled with a control device other than an engine or oxidizer, VOC exhaust concentration upon commencing each transfer, at the end of each transfer, and at least every hour during each transfer shall be recorded, measured using an instrument meeting the requirements of Special Condition No. 30.A or B.

    C. Record the volume in the vacuum truck at the end of the day, or the volume unloaded, as applicable.

    D. The permit holder shall determine the vacuum truck emissions each month using the daily vacuum truck records and the calculation methods utilized in the permit application. If records of the volume of liquid transferred for each pick-up are not maintained, the emissions shall be determined using the physical properties of the liquid vacuumed with the greatest potential emissions. Rolling 12 month vacuum truck emissions shall also be determined on a monthly basis.

    E. If the VOC partial pressure of all the liquids vacuumed into the truck is less than 0.10 psia, this shall be recorded when the truck is unloaded or leaves the plant site and the emissions may be estimated as the maximum potential to emit for a truck in that service as documented in the permit application. The recordkeeping requirements in A through D of this special condition do not apply.

33. 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.

34. This special condition applies only to the control of emissions from planned MSS activities. 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 plant process or to a collection system that is vented through a control device meeting the requirements of this permit condition.

A. The plant flare system. Flares used to control emissions from planned MSS activities shall comply with Special Condition No. 11.

B. Reserved.

35. Except for previously authorized MSS emissions, Special Condition Nos. 28 through 34 shall become effective 180 days after issuance of the amendment requested with the Form PI-1 dated January 4, 2008. During this 180-day period, monitoring and recordkeeping shall satisfy the requirements of Special Condition No. 28.A through 28.D. Emissions shall be estimated using good engineering practice and methods to provide reasonably accurate representations for emissions. The basis used for determining the quantity of air contaminants to be emitted shall be recorded. The permit holder may maintain abbreviated records of emissions from activities listed in Attachments A and B, as allowed in Special Condition No. 28, rather than documenting all the information required by Special Condition Nos. 28.A through 28.D.

Date: May 31, 2019

Attachment 1

Permit Numbers 23271, PSDTX1416, PSDTX1079M2, and GHGPSDTX145M1

Tanks approved by this permit and liquids they are authorized to store:

Tank EPN	Product Authorized to be Stored
04TFX-023A	HMD
04TFX-023B	HMD
04TFX-023C	HMD
04TFX-023D	HMD
04TFX-025	VOC mixture
04TFX-028	HMD
04TFX-029	HMD
04TFX-030A	VOC mixture
04TFX-030B	VOC mixture
04TFX-033A	VOC mixture
04TFX-033B	VOC mixture
04TFX-033C	VOC mixture
04TFX-033D	VOC mixture
04TFX-033E	VOC mixture
04TFX-034A	VOC mixture
04TFX-034B	VOC mixture
04TFX-508	Waste Organics
04TFX-506	Waste Organics
10TFX035B	VOC mixture*
10TFX035C	VOC mixture*
10TFX035D	VOC mixture*
16TFX-006	MDEA
16TFX-005	MDEA
11TFX-078	Leachate
11SMP-081	Wastewater
11TFX-067	VOC mixture
11PRC-066	Wastewater
11PRC-063	Wastewater
11TFX-050	Process wastewater
11TFX-049	VOC mixture
11TFX-019	Aqueous Waste
11TFX-018	Aqueous Waste
11TFX051	Aqueous Waste*

Tank EPN	Product Authorized to be Stored
11TFX052	Aqueous Waste*
04TFX-504	VOC mixture
04TFX-044	VOC mixture
04TFX-027	Waste Organics
04TFX-022B	VOC mixture
04TFX022A	VOC mixture
04TFX023A-D	HMD
04TFX026	VOC mixture
04TFX031	VOC mixture

Unless noted otherwise vapor pressures and weight percent of compounds stored are represented in the revised permit application dated February 6, 2007.

* Vapor pressures and weight percent of compounds stored are represented in confidential files in the revised permit application dated July 18, 2008.

Date: May 31, 2019

Attachment 2

Permit Numbers 23271, PSDTX1416, PSDTX1079M2, and GHGPSDTX145M1

List of Exempted HMD Unit Relief Devices

3321-8400-0102

3312-8200-55.21

3312-7032-0212

3312-7013-0203

3312-7013-0221

3312-7010-0201

3312-7031-0211

3312-7035-0225

3312-7036-0200

3312-7011-0202

3312-8200-0120

3312-8200-0122

3314-8300-0102

3312-8100-0120

3302-0000-0131

3302-0000-0132

3302-0000-0606

3302-0000-0609

0539-0D1A-001A

0539-0D1A-001B

0539-0000-0008

0539-00H1-0013

0539-00D2-0020

Date: May 31, 2019

Attachment A

Permit Numbers 23271, PSDTX1416, PSDTX1079M2, and GHGPSDTX145M1

Inherently Low Emitting Activities

Activity	Emissions				
	VOC	NO_x	CO	PM	H_2S/SO_2
Management of sludge from pits, ponds, sumps, and water conveyances	x				
Aerosol Cans	x				
Calibration of analytical equipment	x	x	x		x
Catalyst Charging/handling				x	
Instrumentation/analyzer maintenance	x				
Meter proving	x				
Replacement of analyzer filters and screens	x				
Maintenance on water treatment systems (cooling, boiler, potable)	x				
Soap and other aqueous based cleaners	x				
Hose disconnections	x				
Filter purges with N2	x				
Filters cleaning/Draining	x				
Empty drum washing	x				
Sample purging	x				

Date: May 31, 2019

Attachment B

Permit Numbers 23271, PSDTX1416, PSDTX1079M2, and GHGPSDTX145M1

Routine Maintenance Activities

Pump repair/replacement

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

Compressor repair/replacement

Heat exchanger repair/replacement

Vessel repair/replacement

Vacuum truck loading

Pump maintenance

Railcar degassing to scrubber

Tank Cleaning/Draining

Column Opening to Atmosphere

Column Cleaning/Draining

Scrubber Cleaning/Draining

Relief Valve / Emergency Vent / Conservation Vent / Flame Arrestor Maintenance

Acid Cleaning Storage Tank

Fugitives from acid Cleaning

Hose disconnect

Date: May 31, 2019

Attachment C

Permit Numbers 23271, PSDTX1416, PSDTX1079M2, and GHGPSDTX145M1

MSS Activity Summary

Facilities	Description	Emissions Activity	EPN
16VNT004	Hydrogen Unit startups and shutdowns. (Previously authorized.)	Hydrogen Unit shutdown, venting, depressurization and subsequent startup and venting	16VNT-004
04VNT027	Synthesis Unit startups and shutdowns. (Previously authorized.)	Synthesis Unit shutdown, venting, depressurization and subsequent startup	04VNT-007 04FLR-032
04VNT007	Synthesis Unit MSS. (Previously authorized.)	Synthesis Unit LPA and HPA clear-up and CRU venting	04VNT-007 04FLR-032
11LTR067A	Waste organics truck loading purge. (Previously authorized.)	Truck loading activity vented to flare	04FLR-032
NH3FINES	Ammonia fines filter maintenance. (Previously authorized.)	Depressure through the LPA to flare	04FLR-032
NH3INJECT	Ammonia injection pump maintenance. (Previously authorized.)	Depressure through the HPA to flar	04FLR-032
PUMPPRG	Ammonia Pump Maintenance	NH3 Pumps Purged To The Flare With N2 Prior to water-flushing and opening to the atmosphere	04FLR-032
04VNT009	Refining Unit annual startup and shutdown. (Previously authorized.)	Refining Unit clear-up and startup venting	04VNT-009 04FLR-032
04VNT027	Additional Synthesis Unit startups and shutdown	Synthesis Unit shutdown, venting, depressurization and subsequent startup	04VNT-007
04VNT009	Additional emissions from Refining Unit annual startup and shutdown	Refining Unit clear-up and startup venting	04VNT-009
16VNT004	Additional Hydrogen Unit startups and shutdown	Hydrogen Unit shutdown, venting, depressurization and subsequent startup and venting	16VNT-004
NH3FINES	Additional ammonia fines filter maintenance	Depressure through the LPA to flare	04FLR-032
VARIOUS	Tank Depressurization	Tank Depressure/ Openings To Atmosphere	04TANKOPEN 04FLR-032

Facilities	Description	Emissions Activity	EPN
see Attachment A	Inherently low emitting activities	vent to atmosphere	04FUG-MSS
see Attachment B	Routine maintenance activities	vent to atmosphere	04FUG-MSS
DRMCLN	Drumming Of Solids From Tank Cleaning	Vent To Atmosphere	04FUG-MSS
ACID CLEAN, ACIDFUG, TEMPTK	Acid Cleaning	vent to atmosphere	04FUG-MSS 04TFXACID

Date: May 31, 2019

Attachment D

Permit Numbers 23271, PSDTX1416, PSDTX1079M2, and GHGPSDTX145M1

Confidential Attachment Reference for Loading Operations Limits

This attachment is a placeholder for the confidential Attachment D Loading Operations Limits table which is included by reference. As a minimum the Loading Operations Limits table shall include a description or identification of the liquid to be loaded, the maximum loading rate (gallons per hour) and the maximum loading quantity on a 12-month rolling basis.

The current Confidential Attachment D, Loading Operations Limits can be found attached to the INVISTA letter dated February 28, 2019, the request for a permit alteration.

The revision date for the latest valid table is: February 28, 2019

Date: May 31, 2019

Emission Sources - Maximum Allowable Emission Rates

Permit Number 23271, PSDTX1416, PSDTX1079M2, and GHGTX145M1

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)
16STK-001	Hydrogen Reformer Stack	CO	14.40	63.07
		NH_3	0.55	2.40
		NO_X	10.80	47.30
		PM	1.30	5.71
		$PM_{2.5}$	1.30	5.71
		PM_{10}	1.30	5.71
		SO_2	0.03	0.11
		VOC	0.94	4.13
16VNT-002	Amine Stripper Vent	CO	7.17	29.88
04FUG	Fugitives (5)	Boric Acid	<0.01	<0.01
		CO	<0.01	<0.01
		NH_3	0.33	1.46
		HCN	<0.01	0.01
		VOC	9.80	42.89
04LRC-006	Railcar Loading Scrubber Emissions	VOC	2.88	0.04
04LRC-006F	Railcar Loading Uncaptured Emissions	VOC	2.88	0.04
04VNT-013	Refining System Vent	NH_3	1.14	1.06
		VOC	0.35	1.55

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
04LTR-018	Truck Loading Scrubber Emissions	NH_3	0.84	0.02
		VOC	5.46	0.16
04LTR-018F	Truck Loading Uncaptured Emissions	NH_3	0.22	0.01
		VOC	1.29	0.03
04TVS-023	HMD Blend Tanks A-D Breather Pots	VOC	0.22	0.08
04TFX-025	“F” Crude DCH Tank Breather Pot	NH_3	0.01	0.01
		VOC	11.56	2.86
04TFX-028	“A” Refined Tank Breather Pot	VOC	0.10	0.01
04TFX-029	“B” Refined Tank Breather Pot	VOC	0.10	0.01
Combined emissions from EPNs 04TFX-028 and 04TFX-029 shall not exceed		VOC	0.16	0.02
04FLR-032	Diamine Flare (HMD Flare) (Normal Operation Only)	CO	74.72	70.23
		H_2S	0.19	<0.01
		NH_3	9.39	16.86
		NO_X	25.83	27.46
		SO_2	17.62	0.11
		HCN	0.06	0.13
		VOC	15.71	8.15
04FLR-032	Diamine Flare (HMD Flare) (Maintenance, Startup, and Shutdown [MSS] Activities Only)	CO	5.05	0.13
		NH_3	0.60	0.01
		NO_X	2.86	0.07
		HCN	0.61	0.02
		VOC	10.36	0.28

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
04TVS-033	Co-Product Storage Tanks A - E Breather Pot	VOC	13.16	0.71
04TVS-034	Crude HMD Tanks A and B	NH_3	5.05	16.62
		VOC	1.70	2.29
04CWA-035	Cooling Basin (5)	NH_3	0.34	1.49
		VOC	1.79	7.86
04TFX-508	HMD Permeate Tank	NH_3	0.16	0.09
		VOC	0.01	0.01
04TFX-506	Aqueous Waste Tank	NH_3	0.97	0.01
		VOC	0.01	0.01
04LBA-006A	Barge Loading	VOC	0.06	0.02
04LBA-006F	Barge Loading Uncaptured Emissions	VOC	0.06	0.02
16TFX006	MDEA Tank	VOC	0.16	0.01
16TFX005	Dilute MDEA Tank	VOC	0.13	0.01
04LDR022C	Drum Loading of Crude HMI	NH_3	0.11	0.01
		VOC	0.10	0.01
04DGR001	HMD Maintenance Degreaser Area	VOC	0.36	0.33
16VNT-004	Hydrogen Plant Vent (MSS)	CO	466.88	10.55
		VOC	106.54	3.41
04VNT-007	Synthesis Process Vent	NH_3	0.02	0.01
		VOC	0.01	0.01
04VNT-007	Synthesis Process Vent (MSS)	NH_3	6.75	0.01
		VOC	0.02	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)
04VNT-009	Refining Process Vent (MSS)	NH_3	0.38	0.01
		VOC	0.01	0.01
04TANK-OPEN	Tank Depressure (MSS)	NH_3	6.31	0.01
		HCN	0.01	<0.01
		VOC	2.23	0.02
04FUG-MSS	Fugitive Emissions (MSS) (5)	NH_3	8.80	0.47
		PM	0.08	<0.01
		$PM_{2.5}$	0.08	<0.01
		PM_{10}	0.08	<0.01
		HCN	0.11	<0.01
		VOC	15.52	4.63
		HCl	0.10	0.43
04SWT-002	Flushing N112 Unloading Line to Sump	VOC	0.01	0.01
11LTR067AF	Waste Organics Truck Loading (WOTL) Uncaptured Emissions	VOC	0.80	<0.01
		HCN	0.01	<0.01
04LDR-022D	Drum Loading Refined HMI	VOC	0.09	0.01
04LDR-036B	Drum Loading Crude MGN	VOC	0.01	0.01
04LDR-037B	Drum Loading Refined MGN	VOC	0.01	0.01
04LDR-025B	Drum Loading Crude DCH	NH_3	0.01	0.01
		VOC	0.07	0.01
04LDR-020B	Drum Loading Refined DCH	VOC	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
04LDR-028B	Drum Loading Refined HMD	VOC	0.02	0.01
04LDR-033D	Drum Loading BHMT	VOC	0.02	0.01
04SEP-001	Oil/Sand Separator	NH_3	0.36	0.11
		VOC	0.01	0.01
11BAG311	Wastewater Baghouse	PM	0.04	0.17
		PM_{10}	0.04	0.17
		$PM_{2.5}$	0.04	0.17
11BAGACID	Wastewater Baghouse	PM	0.04	0.17
		PM_{10}	0.04	0.17
		$PM_{2.5}$	0.04	0.17
11BAG311 & 11BAGACID	Wastewater Baghouses	VOC	0.02	0.11
11BAGFLTR	Wastewater Baghouse	PM	0.14	0.60
		$PM_{2.5}$	0.14	0.60
		PM_{10}	0.14	0.60
04TFX022B	Refined DCH Tank	VOC	0.71	0.10
04TFXACID	Acid Cleaning Storage Tank	VOC	0.01	0.01
		HCL	0.03	0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) CO - carbon monoxide
H_2S - hydrogen sulfide
NH_3 - ammonia
NO_X - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM_{10}
$PM_{2.5}$ particulate matter equal to or less than 2.5 microns in diameter

Emission Sources - Maximum Allowable Emission Rates

PM_{10}	-	particulate matter equal to or less than 10 microns in diameter
SO_2	-	sulfur dioxide
VOC	-	volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HCl	-	hydrochloric acid
HCN	-	hydrogen cyanide, see Note (6)

(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) For Maximum Allowable Emission Rate Tables (MAERT) dated March 11, 2016 and earlier, the HCN allowable emission rate was included with the VOC allowable emission rate limit. For subsequent amendments, modified sources emitting HCN shall represent this rate as a separate HCN limit for this emission point. During the next renewal application, an amendment application shall be submitted to separate all remaining HCN emissions still included in the VOC limit and included them as separate HCN limits by EPN in the MAERT. The VOC emission rate limit shall be reduced accordingly when HCN is reported as a separate limit. This note shall be deleted once all HCN emission rate limits are shown separately.

Date: May 31, 2019