FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Energy Transfer Nederland Terminal LLC

AUTHORIZING THE OPERATION OF
Nederland Terminal
Other Warehousing and Storage

LOCATED AT
Jefferson County, Texas
Latitude 30° 0′ 25″ Longitude 93° 58′ 59″
Regulated Entity Number: RN100214626

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: O1573 Issuance Date: _____

_____
For the Commission

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General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

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

1. Permit holder shall comply with the following requirements:

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

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

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

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

    E. Emission units subject to 40 CFR Part 63, Subparts Y, EEEE, ZZZZ, and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Chapter 113, Subchapter C, §§ 113.300, 113.880, 113.1090, and 113.1130 which incorporates the 40 CFR Part 63 Subpart by reference.

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

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

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

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

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

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

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

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

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

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

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

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

   A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute 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. 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)

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

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

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

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

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

A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, 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 of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. 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)

8. 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.

9. For the bulk gasoline terminals specified in 40 CFR Part 63, Subpart R, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.230 incorporated by reference):

   A. Title 40 CFR § 63.420(h), for applicability of the General Provisions of Subpart A

   B. Title 40 CFR § 63.422(c), (c)(1) - (2) (relating to Standards: Loading Racks)

   C. Title 40 CFR § 63.424(a) - (d) (relating to Standards: Equipment Leaks)

   D. Title 40 CFR § 63.424(g) (relating to Standards: Equipment Leaks)

   E. Title 40 CFR § 63.425(e) - (h) (relating to Test Methods and Procedures)

   F. Title 40 CFR § 63.428(a) - (b), (g)(1), and (h)(2) - (3) (relating to Reporting and Recordkeeping)

   G. Title 40 CFR § 63.428(e)(1) - (7), (f)(1) - (2), (g), (g)(3), (h)(4)(i) - (iv) (relating to Reporting and Recordkeeping)

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

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

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

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

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

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

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

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

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

Additional Monitoring Requirements

12. 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

13. 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 May 5, 2023 in the application for project 34413), 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

14. 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.

15. 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).

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

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

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

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

Compliance Requirements

17. 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.

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

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

        (i) For sources in the Beaumont-Port Arthur Nonattainment area, 30 TAC § 117.9000

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

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

        (i) Title 30 TAC Chapter 115

        (ii) Title 30 TAC Chapter 117

        (iii) Offsets for Title 30 TAC Chapter 116

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

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

(ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1

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

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

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

20. 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

21. 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.

Alternative Requirements

22. 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

23. 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)

24. 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
10W30	Storage Tanks/Vessels	N/A	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
10W30	Storage Tanks/Vessels	N/A	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
10W30	Storage Tanks/Vessels	N/A	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
10W30	Storage Tanks/Vessels	N/A	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10W30	Storage Tanks/Vessels	N/A	60Kb-1	40 CFR Part 60, Subpart Kb	Product Stored = Crude oil stored, processed, and/or treated after custody transfer, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia
10W30	Storage Tanks/Vessels	N/A	60Kb-2	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia
10W30	Storage Tanks/Vessels	N/A	60Kb-3	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia
EG-1	SRIC Engines	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
EG-3	SRIC Engines	N/A	60JJJJ-1	40 CFR Part 60, Subpart JJJJ	No changing attributes.
EG-3	SRIC Engines	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
EG-4	SRIC Engines	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
EG-4	SRIC Engines	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F-TRML	Fugitive Emission Units	N/A	63EEEE	40 CFR Part 63, Subpart EEEE	No changing attributes.
FP3-ENG	SRIC Engines	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
FP3-ENG	SRIC Engines	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FP7-ENG	SRIC Engines	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
FP7-ENG	SRIC Engines	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FP8-ENG	SRIC Engines	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
FP8-ENG	SRIC Engines	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-BLR-2	Boilers/Steam Generators/Steam Generating Units	B-30-3N, B-30-4N, B-30-5N, B-30-6N, B-30-7N	60Dc	40 CFR Part 60, Subpart Dc	No changing attributes.
GRP-BLR-2	Boilers/Steam Generators/Steam Generating Units	B-30-3N, B-30-4N, B-30-5N, B-30-6N, B-30-7N	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
GRP-ENG-2	SRIC Engines	EG-2, EG-5	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-ENG-3	SRIC Engines	BHSUMP-ENG, LRSUMP-ENG	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-ENG-4	SRIC Engines	FP1-ENG, FP2-ENG	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
GRP-ENG-4	SRIC Engines	FP1-ENG, FP2-ENG	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-ENG-5	SRIC Engines	FP5-ENG, FP6-ENG	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
GRP-ENG-5	SRIC Engines	FP5-ENG, FP6-ENG	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-LDG-1	Loading/Unloading Operations	LBDB, LBDC, LSD1, LSD2, LSD3, LSD4	63Y-1	40 CFR Part 63, Subpart Y	Material Loaded = Both gasoline and crude oil., Throughput = Source with throughput of 10 M barrels or 200 M barrels.
GRP-LDG-1	Loading/Unloading Operations	LBDB, LBDC, LSD1, LSD2, LSD3, LSD4	63Y-2	40 CFR Part 63, Subpart Y	Material Loaded = Material other than crude oil or gasoline.
GRP-LDG-2	Loading/Unloading Operations	LBDA, LBDD, LBDE, LSD5, LSD6, LSD7, LSD8	63Y-1	40 CFR Part 63, Subpart Y	Material Loaded = Crude oil., Throughput = Source with throughput of 10 M barrels or 200 M barrels.
GRP-LDG-2	Loading/Unloading Operations	LBDA, LBDD, LBDE, LSD5, LSD6, LSD7, LSD8	63Y-2	40 CFR Part 63, Subpart Y	Material Loaded = Material other than crude oil or gasoline.
GRP-TNK-1	Storage Tanks/Vessels	T204, T205	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
GRP-TNK-1	Storage Tanks/Vessels	T204, T205	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-1	Storage Tanks/Vessels	T204, T205	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-1	Storage Tanks/Vessels	T204, T205	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-1	Storage Tanks/Vessels	T204, T205	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-TNK-10	Storage Tanks/Vessels	T-WW1	60Kb-1	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-TNK-1A	Storage Tanks/Vessels	T1523, T1525, T1526	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
GRP-TNK-1A	Storage Tanks/Vessels	T1523, T1525, T1526	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-1A	Storage Tanks/Vessels	T1523, T1525, T1526	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-1A	Storage Tanks/Vessels	T1523, T1525, T1526	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-1A	Storage Tanks/Vessels	T1523, T1525, T1526	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	60K-1	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined, True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia, Product Stored = Crude oil
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	60K-2	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure not determined, True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia, Product Stored = Petroleum liquid (other than petroleum or condensate)
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	60K-3	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure not determined, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined, True Vapor Pressure = True vapor pressure is less than 1.5 psia, Product Stored = Petroleum liquid (other than petroleum or condensate)
GRP-TNK-2	Storage Tanks/Vessels	T1529, T1530, T1531, T1532, T1541, T1542	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	60K-1	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined, True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia, Product Stored = Crude oil

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	60K-2	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure not determined, True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia, Product Stored = Petroleum liquid (other than petroleum or condensate)
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	60K-3	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure not determined, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined, True Vapor Pressure = True vapor pressure is less than 1.5 psia, Product Stored = Petroleum liquid (other than petroleum or condensate)
GRP-TNK-3	Storage Tanks/Vessels	T1537, T1538, T1539, T1540, T1543, T1544, T1545, T1547	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	60K-1	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined, True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia, Product Stored = Crude oil
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	60K-2	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure not determined, True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia, Product Stored = Petroleum liquid (other than petroleum or condensate)

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	60K-3	40 CFR Part 60, Subpart K	Reid Vapor Pressure = Reid vapor pressure not determined, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined, True Vapor Pressure = True vapor pressure is less than 1.5 psia, Product Stored = Petroleum liquid (other than petroleum or condensate)
GRP-TNK-4	Storage Tanks/Vessels	T1533, T1534	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	60Ka-1	40 CFR Part 60, Subpart Ka	Product Stored = Crude oil stored, processed, and/or treated after custody transfer, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia, True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	60Ka-2	40 CFR Part 60, Subpart Ka	Product Stored = Petroleum liquid (other than petroleum or condensate), Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized, True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	60Ka-3	40 CFR Part 60, Subpart Ka	Product Stored = Petroleum liquid (other than petroleum or condensate), Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized, True Vapor Pressure = TVP is less than 1.5 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-5	Storage Tanks/Vessels	T1548, T1549, T1550, T1553	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-TNK-6	Storage Tanks/Vessels	TK-2100, TK-2101, TK-2102, TK-2103	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-TNK-6	Storage Tanks/Vessels	TK-2100, TK-2101, TK-2102, TK-2103	60Kb-1	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-TNK-6	Storage Tanks/Vessels	TK-2100, TK-2101, TK-2102, TK-2103	63EEEE-OTHER	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-TNK-7	Storage Tanks/Vessels	T200, T201, T202, T209	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	60Kb-1	40 CFR Part 60, Subpart Kb	Product Stored = Crude oil stored, processed, and/or treated after custody transfer, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	60Kb-2	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	60Kb-3	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9	Storage Tanks/Vessels	1595, 1596, 1597, 1598, 2018-A, 2018-B, 2018-C, T1546, T1551, T1552, T1554, T1556, T1558, T1559, T1560, T1561, T1562, T1563, T1564, T1565, T1566, T1567, T1568, T1569, T1570, T1571, T1572, T1573, T1576, T1577, T1578, T1579, T1580, T1581, T1582, T1583, T1584, T1585, T1586, T1587, T1588, T1589, T1590, T1591, T1592, T1593, T1594	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	60Kb-1	40 CFR Part 60, Subpart Kb	Product Stored = Crude oil stored, processed, and/or treated after custody transfer, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	60Kb-2	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	60Kb-3	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia
GRP-TNK-9A	Storage Tanks/Vessels	T1557, T1574, T1575	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
OWS-1	Volatile Organic Compound Water Separators	N/A	R115-1	30 TAC Chapter 115, Water Separation	No changing attributes.
T1555	Storage Tanks/Vessels	N/A	R115-1	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = Crude oil and/or condensate
T1555	Storage Tanks/Vessels	N/A	R115-2	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Product Stored = VOC other than crude oil or condensate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T1555	Storage Tanks/Vessels	N/A	R115-3	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Product Stored = VOC other than crude oil or condensate
T1555	Storage Tanks/Vessels	N/A	R115-4	30 TAC Chapter 115, Storage of VOCs	Storage Capacity = Capacity is greater than 40,000 gallons, True Vapor Pressure = True vapor pressure is less than 1.0 psia, Product Stored = VOC other than crude oil or condensate
T1555	Storage Tanks/Vessels	N/A	60Ka-1	40 CFR Part 60, Subpart Ka	Product Stored = Crude oil stored, processed, and/or treated after custody transfer, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia, True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia
T1555	Storage Tanks/Vessels	N/A	60Ka-2	40 CFR Part 60, Subpart Ka	Product Stored = Petroleum liquid (other than petroleum or condensate), Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized, True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T1555	Storage Tanks/Vessels	N/A	60Ka-3	40 CFR Part 60, Subpart Ka	Product Stored = Petroleum liquid (other than petroleum or condensate), Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized, Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized, True Vapor Pressure = TVP is less than 1.5 psia
T1555	Storage Tanks/Vessels	N/A	63EEEE-CRUDE	40 CFR Part 63, Subpart EEEE	No changing attributes.
TRUCKLOAD	Loading/Unloading Operations	N/A	115RV	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
UNLOAD	Loading/Unloading Operations	N/A	63EEEE	40 CFR Part 63, Subpart EEEE	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10W30	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
10W30	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
10W30	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
10W30	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10W30	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)
10W30	EU	60Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)
10W30	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 (19,813 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/1984.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EG-1	EU	63ZZZZ	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
EG-3	EU	60JJJJ-1	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 100 HP and less than 130 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(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EG-3	EU	60JJJJ-1	HC and NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 100 HP and less than 130 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)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
EG-3	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.6 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary SI RICE and black start stationary SI RICE with a site rating less than or equal to 500 HP, located at a major source, you must comply with the requirements as specified in Table 2c.6.a-c.	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EG-4	EU	60IIII	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 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 maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
EG-4	EU	60IIII	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 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 maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EG-4	EU	60IIII	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4204(f) § 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 maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d) § 60.4214(e)
EG-4	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-TRML	EU	63EEEE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(c) § 63.2350(a) § 63.2378(a)	For each pump, valve, and sampling connection that operates in organic liquids service for at least 300 hours per year, you must comply with paragraph (l) of this section and the applicable requirements under subpart TT of this part (control level 1), subpart UU of this part (control level 2), or subpart H of this part.	§ 63.2358(c)(2) § 63.2358(d)	§ 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) § 63.2382(b) § 63.2386(a) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) § 63.2386(e)
FP3-ENG	EU	60IIII	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.	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)
FP3-ENG	EU	60IIII	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.	None	None	[G]§ 60.4214(d)
FP3-ENG	EU	63ZZZZ	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FP7-ENG	EU	60IIII	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.	None	None	[G]§ 60.4214(d)
FP7-ENG	EU	60IIII	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.	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)
FP7-ENG	EU	63ZZZZ	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)
FP8-ENG	EU	60IIII	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.	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)
FP8-ENG	EU	60IIII	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.	None	None	[G]§ 60.4214(d)
FP8-ENG	EU	63ZZZZ	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)
GRP-BLR-2	EU	60Dc	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-BLR-2	EU	60Dc	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
GRP-BLR-2	EU	60Dc	SO_2	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
GRP-BLR-2	EU	63DDDDD	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.	§ 63.7510(g) § 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-ENG-2	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.6 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary SI RICE and black start stationary SI RICE with a site rating less than or equal to 500 HP, located at a major source, you must comply with the requirements as specified in Table 2c.6.a-c.	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
GRP-ENG-3	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.2 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i)	For each existing non-emergency, non-black start stationary CI RICE with a site rating less than 100 HP, located at a major source, you must comply with the requirements as specified in Table 2c.2.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
GRP-ENG-4	EU	60IIII	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.	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)
GRP-ENG-4	EU	60IIII	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.	None	None	[G]§ 60.4214(d)
GRP-ENG-4	EU	63ZZZZ	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-ENG-5	EU	60IIII	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.	None	None	[G]§ 60.4214(d)
GRP-ENG-5	EU	60IIII	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.	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)
GRP-ENG-5	EU	63ZZZZ	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)
GRP-LDG-1	EU	63Y-1	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(a)(4) § 153.282 § 63.560(a)(2)	Any existing sources with emissions less than 10 tons of any individual HAP and 25 tons of HAP combined must meet the submerged fill standards of 46 CFR 153.282.	§ 63.565(l)	§ 63.567(j)(4)	None
GRP-LDG-1	EU	63Y-1	VOC	40 CFR Part 63, Subpart Y	§ 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply RACT standards, except for the VMT source.	[G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	§ 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) [G]§ 63.567(k)	§ 63.562(c)(1) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-LDG-1	EU	63Y-2	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(a)(4) § 153.282 § 63.560(a)(2)	Any existing sources with emissions less than 10 tons of any individual HAP and 25 tons of HAP combined must meet the submerged fill standards of 46 CFR 153.282.	§ 63.565(l)	§ 63.567(j)(4)	None
GRP-LDG-2	EU	63Y-1	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(3) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-LDG-2	EU	63Y-1	VOC	40 CFR Part 63, Subpart Y	§ 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply RACT standards, except for the VMT source.	[G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	§ 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) [G]§ 63.567(k)	§ 63.562(c)(1) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-LDG-2	EU	63Y-2	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(3) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
GRP-TNK-1	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRP-TNK-1	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-1	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-1	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-1	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(3) § 63.2346(a) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	The permit holder shall comply with 40 CFR Part 63, Subpart WW (control level 2) for each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2, items 1 through 5.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-10	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 60.116b(f)(1)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
GRP-TNK-1A	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-1A	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRP-TNK-1A	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(2) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-1A	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-1A	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(3) § 63.2346(a) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	The permit holder shall comply with 40 CFR Part 63, Subpart WW (control level 2) for each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2, items 1 through 5.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
GRP-TNK-2	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRP-TNK-2	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-2	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(2) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-2	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-2	EU	60K-1	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRP-TNK-2	EU	60K-2	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-2	EU	60K-3	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None
GRP-TNK-2	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(3) § 63.2346(a) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	The permit holder shall comply with 40 CFR Part 63, Subpart WW (control level 2) for each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2, items 1 through 5.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
GRP-TNK-3	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-3	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRP-TNK-3	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(2) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-3	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-3	EU	60K-1	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-3	EU	60K-2	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRP-TNK-3	EU	60K-3	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None
GRP-TNK-3	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(3) § 63.2346(a) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	The permit holder shall comply with 40 CFR Part 63, Subpart WW (control level 2) for each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2, items 1 through 5.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-4	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRP-TNK-4	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRP-TNK-4	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-4	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-4	EU	60K-1	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRP-TNK-4	EU	60K-2	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRP-TNK-4	EU	60K-3	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-4	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(3) § 63.2346(a) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	The permit holder shall comply with 40 CFR Part 63, Subpart WW (control level 2) for each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2, items 1 through 5.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
GRP-TNK-5	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRP-TNK-5	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-5	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(2) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-5	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-5	EU	60Ka-1	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-5	EU	60Ka-2	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)
GRP-TNK-5	EU	60Ka-3	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-5	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(3) § 63.2346(a) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	The permit holder shall comply with 40 CFR Part 63, Subpart WW (control level 2) for each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2, items 1 through 5.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
GRP-TNK-6	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(3) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) § 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRP-TNK-6	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 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)
GRP-TNK-6	EU	63EEEE-OTHER	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2396(a)(1) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	After the compliance dates specified in §63.2342, you are in compliance with the provisions of this subpart for any storage tank that is assigned to the OLD affected source and that is both controlled with a floating roof and is in compliance with the provisions of either 40 CFR part 60, subpart Kb, except that records shall be kept for 5 years rather than 2 years for storage tanks that are assigned to the OLD affected source.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
GRP-TNK-7	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-9	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-9	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRP-TNK-9	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(2) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-9	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-9	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-9	EU	60Kb-2	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
GRP-TNK-9	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 (19,813 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/1984.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-9	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2396(a)(1) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	After the compliance dates specified in §63.2342, you are in compliance with the provisions of this subpart for any storage tank that is assigned to the OLD affected source and that is both controlled with a floating roof and is in compliance with the provisions of either 40 CFR part 60, subpart Kb, except that records shall be kept for 5 years rather than 2 years for storage tanks that are assigned to the OLD affected source.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
GRP-TNK-9A	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRP-TNK-9A	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-9A	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-9A	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TNK-9A	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRP-TNK-9A	EU	60Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-TNK-9A	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 (19,813 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/1984.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
GRP-TNK-9A	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2396(a)(1) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	After the compliance dates specified in §63.2342, you are in compliance with the provisions of this subpart for any storage tank that is assigned to the OLD affected source and that is both controlled with a floating roof and is in compliance with the provisions of either 40 CFR part 60, subpart Kb, except that records shall be kept for 5 years rather than 2 years for storage tanks that are assigned to the OLD affected source.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
OWS-1	EU	R115-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.133 § 115.910	Alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved in accordance with §115.910.	**See Alternative Requirements	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)
T1555	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
T1555	EU	R115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
T1555	EU	R115-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T1555	EU	R115-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
T1555	EU	60Ka-1	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b) ** See Periodic Monitoring Summary	§ 60.115a(a)	None
T1555	EU	60Ka-2	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b) ** See Periodic Monitoring Summary	§ 60.115a(a)	None
T1555	EU	60Ka-3	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
T1555	EU	63EEEE-CRUDE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(3) § 63.2346(a) § 63.2370(a) § 63.2378(b)(1) § 63.2378(b)(2) § 63.2378(b)(3)	The permit holder shall comply with 40 CFR Part 63, Subpart WW (control level 2) for each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2, items 1 through 5.	§ 63.2358(b)(1) § 63.2358(c)(1) § 63.2358(d)	§ 63.2343(b)(3) § 63.2350(c) § 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2342(d) [G]§ 63.2343(b)(1) [G]§ 63.2343(b)(2) § 63.2370(c) § 63.2382(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(c)(1) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(5) § 63.2386(c)(6) [G]§ 63.2386(d)(2) [G]§ 63.2386(d)(3) [G]§ 63.2386(d)(4) § 63.2386(e)
TRUCKLOAD	EU	115RV	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
UNLOAD	EU	63EEEE	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(2)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all transfer racks at which organic liquids are loaded into or unloaded out of transport vehicles and/or containers.	None	§ 63.2343(a) § 63.2394(a) § 63.2394(b) § 63.2394(c)	None

Additional Monitoring Requirements

Periodic Monitoring Summary

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

Periodic Monitoring Summary

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

Periodic Monitoring Summary

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

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TNK-3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-2
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered as a deviation.	
Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

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

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TNK-4	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-2
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered as a deviation.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-TNK-6	
Control Device ID No.: VAPCNTRL	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: If measurement and recording of fugitive emissions of the vapor collection system is not conducted or VOC concentration is 500 ppm or greater than background concentration is recorded, report a deviation.	
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.: GRP-TNK-6	
Control Device ID No.: VAPCNTRL	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: If visual inspection of the vapor collection system for defects that could result in air emissions is not conducted, or defects are found in the vapor collection system, report a deviation.	
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.: T1555	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60Ka-1
Pollutant: VOC	Main Standard: § 60.112a(a)(2)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: IFR inspection not performed or inspection indicates the roof is not floating on the surface of the VOC, liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: T1555	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60Ka-2
Pollutant: VOC	Main Standard: § 60.112a(a)(2)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: IFR inspection not performed or inspection indicates the roof is not floating on the surface of the VOC, liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

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
EG-1	N/A	40 CFR Part 60, Subpart JJJJ	Emergency engine with HP > 25, not manufactured on or after 1/1/2009.
F-MARINE	N/A	40 CFR Part 63, Subpart EEEE	MVCU components do not meet any of the definitions in §63.2338(b)(3)(i)-(v).
F-WW	N/A	40 CFR Part 63, Subpart EEEE	Wastewater area components do not meet any of the definitions in § 63.2338(b)(3)(i)-(v).
GRP-ENG-2	EG-2, EG-5	40 CFR Part 60, Subpart JJJJ	Engines constructed prior to 2006 and have not been reconstructed or modified.
GRP-ENG-3	BHSUMP-ENG, LRSUMP-ENG	40 CFR Part 60, Subpart IIII	Engines constructed prior to 2005 and have not been reconstructed or modified.
GRP-MVCU	MVCU-1A, MVCU-2, MVCU-3, MVCU-4, MVCU-5, MVCU-6, MVCU-7, MVCU-8	30 TAC Chapter 117, Subchapter B	Marine Vapor Combustion Units are not affected equipment per 117.100.
GRP-TNK-7	T200, T201, T202, T209	40 CFR Part 63, Subpart EEEE	Tanks do not store materials that meet the definition of “organic liquid.”
MVLGASLOAD	N/A	40 CFR Part 63, Subpart R	MVLGASLOAD represents marine vessel loading, not tank truck or railcar loading. Therefore, it does not meet the definition of an affected facility specified in §63.422(a)

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.: GHGPSDTX191	Issuance Date: 06/20/2022
PSD Permit No.: PSDTX1444M1	Issuance Date: 06/20/2022
PSD Permit No.: PSDTX1472M1	Issuance Date: 06/20/2022
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.: 56508	Issuance Date: 06/20/2022
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 86	Version No./Date: 06/07/1996
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	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**
10W30	Oil Recovery Tank	106.478/09/04/2000 [118730]
1595	Storage Tank 1595	56508, PSDTX1444M1
1596	Storage Tank 1596	56508, PSDTX1444M1
1597	Storage Tank 1597	56508, PSDTX1444M1
1598	Storage Tank 1598	56508, PSDTX1444M1
2018-A	Tank 2018-A	56508, PSDTX1444M1
2018-B	Tank 2018-B	56508, PSDTX1444M1
2018-C	Tank 2018-C	56508, PSDTX1444M1
B-30-3N	Boiler No. 3N	106.183/09/04/2000
B-30-4N	Boiler No. 4N	106.183/09/04/2000
B-30-5N	Boiler No. 5N	106.183/09/04/2000
B-30-6N	Boiler No. 6N	106.183/09/04/2000
B-30-7N	Boiler No. 7N	106.183/09/04/2000
BHSUMP-ENG	Black Hole Sump Engine	106.511/09/04/2000
EG-1	Admin Building Emergency Generator 1	106.511/09/04/2000
EG-2	Admin Building Emergency Generator 2	106.511/09/04/2000
EG-3	Security Office Emergency Generator 3	106.511/09/04/2000
EG-4	Central Control Emergency Generator 4	106.511/09/04/2000
EG-5	Maintenance Office Emergency Generator 5	106.511/09/04/2000
F-MARINE	MVCU, Barge, & Ship Dock Fugitives	56508, GHGPSDTX191, PSDTX1444M1
F-TRML	Fugitives	56508, PSDTX1444M1

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**
F-WW	Wastewater Area Fugitives	106.472/09/04/2000 [118730], 106.478/09/04/2000 [118730]
FP1-ENG	Fire Water Pump Engine 1	106.511/09/04/2000
FP2-ENG	Fire Water Pump Engine 2	106.511/09/04/2000
FP3-ENG	Fire Water Pump Engine 3	106.511/09/04/2000
FP5-ENG	Fire Water Pump Engine 5	106.511/09/04/2000
FP6-ENG	Fire Water Pump Engine 6	106.511/09/04/2000
FP7-ENG	Fire Water Pump Engine 7	106.511/09/04/2000
FP8-ENG	Fire Water Pump Engine 8	106.511/09/04/2000
LBDA	Barge Dock A Loading	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LBDB	Barge Dock B Loading	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LBDC	Barge Dock C Loading	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LBDD	Barge Dock D Loading	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LBDE	Barge Dock E Loading	56508, GHGPSDTX191, PSDTX1444M1
LRSUMP-ENG	Lube Rack Sump 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**
LSD1	Ship Dock No. 1	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107, 167885], 106.262/11/01/2003 [157107, 167885]
LSD2	Ship Dock No. 2	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LSD3	Ship Dock No. 3	56508, GHGPSDTX191, PSDTX1444M1
LSD4	Ship Dock No. 4	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LSD5	Ship Dock 5	56508, GHGPSDTX191, PSDTX1444M1
LSD6	Ship Dock 6 Loading	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LSD7	Ship Dock 7 Loading	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
LSD8	Ship Dock 8 Loading	56508, GHGPSDTX191, PSDTX1444M1
MVCU-1A	Marine Vapor Combustion Unit 1A	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [167885], 106.262/11/01/2003 [167885]
MVCU-2	Marine Vapor Combustion Unit 2	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]

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**
MVCU-3	Marine Vapor Combustion Unit 3	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
MVCU-4	Marine Vapor Combustion Unit 4	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
MVCU-5	Marine Vapor Combustion Unit 5	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
MVCU-6	Marine Vapor Combustion Unit 6	56508, GHGPSDTX191, PSDTX1444M1, 106.261/11/01/2003 [157107], 106.262/11/01/2003 [157107]
MVCU-7	Marine Vapor Combustion Unit 7	56508, GHGPSDTX191, PSDTX1444M1
MVCU-8	Marine Vapor Combustion Unit 8	56508, GHGPSDTX191, PSDTX1444M1
MVLGASLOAD	Marine Vessel Gasoline Loading	56508, PSDTX1444M1
OWS-1	VOC/Water Separator	106.532/09/04/2000
T-WW1	Tank WW1	106.472/09/04/2000 [118730]
T1523	Tank 1523	56508, PSDTX1444M1
T1525	Tank 1525	56508, PSDTX1444M1
T1526	Tank 1526	56508, PSDTX1444M1
T1529	Tank 1529	56508, PSDTX1444M1
T1530	Tank 1530	56508, PSDTX1444M1
T1531	Tank 1531	56508, PSDTX1444M1
T1532	Tank 1532	56508, PSDTX1444M1

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**
T1533	Tank 1533	56508, PSDTX1444M1
T1534	Tank 1534	56508, PSDTX1444M1
T1537	Tank 1537	56508, PSDTX1444M1
T1538	Tank 1538	56508, PSDTX1444M1
T1539	Tank 1539	56508, PSDTX1444M1
T1540	Tank 1540	56508, PSDTX1444M1
T1541	Tank 1541	56508, PSDTX1444M1
T1542	Tank 1542	56508, PSDTX1444M1
T1543	Tank 1543	56508, PSDTX1444M1
T1544	Tank 1544	56508, PSDTX1444M1
T1545	Tank 1545	56508, PSDTX1444M1
T1546	Tank 1546	56508, PSDTX1444M1
T1547	Tank 1547	56508, PSDTX1444M1
T1548	Tank 1548	56508, PSDTX1444M1
T1549	Tank 1549	56508, PSDTX1444M1
T1550	Tank 1550	56508, PSDTX1444M1
T1551	Tank 1551	56508, PSDTX1444M1
T1552	Tank 1552	56508, PSDTX1444M1
T1553	Tank 1553	56508, PSDTX1444M1
T1554	Tank 1554	56508, PSDTX1444M1
T1555	Tank 1555	56508, PSDTX1444M1

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**
T1556	Tank 1556	56508, PSDTX1444M1
T1557	Tank 1557	56508, PSDTX1444M1
T1558	Tank 1558	56508, PSDTX1444M1
T1559	Tank 1559	56508, PSDTX1444M1
T1560	Tank 1560	56508, PSDTX1444M1
T1561	Tank 1561	56508, PSDTX1444M1
T1562	Tank 1562	56508, PSDTX1444M1
T1563	Tank 1563	56508, PSDTX1444M1
T1564	Tank 1564	56508, PSDTX1444M1
T1565	Tank 1565	56508, PSDTX1444M1
T1566	Tank 1566	56508, PSDTX1444M1
T1567	Tank 1567	56508, PSDTX1444M1
T1568	Tank 1568	56508, PSDTX1444M1
T1569	Tank 1569	56508, PSDTX1444M1
T1570	Tank 1570	56508, PSDTX1444M1
T1571	Tank 1571	56508, PSDTX1444M1
T1572	Tank 1572	56508, PSDTX1444M1
T1573	Tank 1573	56508, PSDTX1444M1
T1574	Tank 1574	56508, PSDTX1444M1
T1575	Tank 1575	56508, PSDTX1444M1
T1576	Tank 1576	56508, PSDTX1444M1

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**
T1577	Tank 1577	56508, PSDTX1444M1
T1578	Tank 1578	56508, PSDTX1444M1
T1579	Tank 1579	56508, PSDTX1444M1
T1580	Tank 1580	56508, PSDTX1444M1
T1581	Tank 1581	56508, PSDTX1444M1
T1582	Tank 1582	56508, PSDTX1444M1
T1583	Tank 1583	56508, PSDTX1444M1
T1584	Tank 1584	56508, PSDTX1444M1
T1585	Tank 1585	56508, PSDTX1444M1
T1586	Tank 1586	56508, PSDTX1444M1
T1587	Tank 1587	56508, PSDTX1444M1
T1588	Tank 1588	56508, PSDTX1444M1
T1589	Tank 1589	56508, PSDTX1444M1
T1590	Tank 1590	56508, PSDTX1444M1
T1591	Tank 1591	56508, PSDTX1444M1
T1592	Tank 1592	56508, PSDTX1444M1
T1593	Tank 1593	56508, PSDTX1444M1
T1594	Tank 1594	56508, PSDTX1444M1
T200	Tank 200	86/06/07/1996
T201	Tank 201	86/06/07/1996
T202	Tank 202	86/06/07/1996

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**
T204	Tank 204	56508, PSDTX1444M1
T205	Tank 205	56508, PSDTX1444M1
T209	Tank 209	86/06/07/1996
TK-2100	Tank 2100	56508, PSDTX1444M1
TK-2101	Tank 2101	56508, PSDTX1444M1
TK-2102	Tank 2102	56508, PSDTX1444M1
TK-2103	Tank 2103	56508, PSDTX1444M1, 106.478/09/04/2000
TRUCKLOAD	Truckload	106.472/09/04/2000
UNLOAD	Transfer Tack (Unloading Only)	56508

**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

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Stephanie Bergeron Perdue, *Interim Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 9, 2018

MR TROY GAYER
SR ENVIRONMENTAL SPECIALIST
SUNOCO PARTNERS MARKETING & TERMINALS LP
P.O. BOX 758
NEDERLAND, TX 77627

Re: Alternative Method of Compliance (AMOC) No. 102
Non-Regenerative Carbon Absorption System
Sunoco Partners Nederland Terminal
Regulated Entity Number: RN100214626
Customer Reference Number: CN601403199
Associated Authorizations: Standard Exemption 61 and O1573

Dear Mr. Gayer:

This correspondence is in response to Sunoco Partners Marketing & Terminals L.P.'s (SPM&T's) request for an alternative method of compliance (AMOC) for the non-regenerative Carbon Adsorption System (CAS) at the Nederland Terminal. This AMOC is intended to address compliance with the requirements of 30 TAC 115, Subchapter B, Division 3 – Water Separation, §115.136(a)(2)(c). SPM&T requests to follow the monitoring requirements in §115.144(3)(D) and the TCEQ's Periodic Monitoring Guidance (APDG 5241V10) for the CAS which controls volatile organic compounds (VOC) from the wastewater separators.

We understand that SPM&T is requesting to follow §115.144 monitoring requirements because these requirements are specific to non-regenerative CAS. The Chapter 115 Water Separation Division did not make the distinction between regenerative and non-regenerative CAS when the monitoring provisions were added to §115.136. The Chapter 115 Industrial Wastewater regulations did make this distinction in §115.144.

The Texas Commission on Environmental Quality (TCEQ) Executive Director has made a final decision to approve your AMOC request. The TCEQ has been delegated authority to enforce the above cited standards and is authorized to approve this AMOC. You are reminded that approval of any AMOC shall not abrogate the Executive Director or Administrator's authority under the Act or in any way prohibit later canceling the AMOC. 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 approval may change applicable requirements for the site, which are identified in the site operating permit (SOP) O1573. 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
Air Section Manager, Region 10 - Beaumont
Rebecca Partee, Manager, Chemical Section, Air Permits Division, OA: MC-163
Jesse Chacon, Manager, Operating Permits Section, Air Permits Division, OA: MC-16

Project Number: 281249

Appendix A

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

Appendix B

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
133	Storage Tank 133	VOC	13.24	-	5, 11, 12	5, 11, 12	5
		H_2S	0.07	-			
204	Storage Tank 204	VOC	11.76	-	5, 11, 12	5, 11, 12	5
		H_2S	0.09	-			
205	Storage Tank 205	VOC	11.77	-	5, 11, 12	5, 11, 12	5
		H_2S	0.09	-			
1521	Storage Tank 1521	VOC	10.90	-	5, 11, 12	5, 11, 12	5
		H_2S	0.09	-			
1523	Storage Tank 1523	VOC	9.14	-	5, 11, 12	5, 11, 12	5
		H_2S	0.05	-			
1525	Storage Tank 1525	VOC	9.28	-	5, 11, 12	5, 11, 12	5
		H_2S	0.06	-			
1526	Storage Tank 1526	VOC	9.14	-	5, 11, 12	5, 11, 12	5
		H_2S	0.05	-			
1529	Storage Tank 1529	VOC	7.69	-	4, 5, 11, 12	4, 5, 11, 12	5

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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**
		H_2S	0.08	-			
1530	Storage Tank 1530	VOC	7.55	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.07	-			
1531	Storage Tank 1531	VOC	7.62	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.06	-			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
1532	Storage Tank 1532	VOC	7.55	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.07	-			
1533	Storage Tank 1533	VOC	9.33	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.10	-			
1534	Storage Tank 1534	VOC	10.83	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.17	-			
1537	Storage Tank 1537	VOC	8.99	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.07	-			
1538	Storage Tank 1538	VOC	8.99	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.07	-			
1539	Storage Tank 1539	VOC	8.73	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.06	-			
1540	Storage Tank 1540	VOC	8.92	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.06	-			
1541	Storage Tank 1541	VOC	6.19	-	4, 5, 11, 12	4, 5, 11, 12	5

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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**
		H_2S	0.09	-			
1542	Storage Tank 1542	VOC	6.19	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.09	-			
1543	Storage Tank 1543	VOC	6.45	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.06	-			
1544	Storage Tank 1544	VOC	7.10	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.09	-			
1545	Storage Tank 1545	VOC	6.45	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.06	-			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
1546	Storage Tank 1546	VOC	6.18	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.10	-			
1547	Storage Tank 1547	VOC	9.08	-	4, 5, 11, 12	4, 5, 11, 12	5
		H_2S	0.07	-			
1548	Storage Tank 1548	VOC	7.97	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1549	Storage Tank 1549	VOC	7.97	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1550	Storage Tank 1550	VOC	7.97	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1551	Storage Tank 1551	VOC	5.99	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.09	-			
1552	Storage Tank 1552	VOC	6.21	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.10	-			
1553	Storage Tank 1553	VOC	7.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
		H_2S	0.05	-			
1554	Storage Tank 1554	VOC	6.21	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.10	-			
1555	Storage Tank 1555	VOC	8.71	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1556	Storage Tank 1556	VOC	6.08	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1557	Storage Tank 1557	VOC	11.01	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.21	-			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
1558	Storage Tank 1558	VOC	6.55	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.07	-			
1559	Storage Tank 1559	VOC	6.08	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1560	Storage Tank 1560	VOC	6.08	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1561	Storage Tank 1561	VOC	6.08	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1562	Storage Tank 1562	VOC	6.05	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1563	Storage Tank 1563	VOC	5.89	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1564	Storage Tank 1564	VOC	5.89	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1565	Storage Tank 1565	VOC	5.89	-	4, 5, 11, 12	4, 5, 11, 12	4, 5

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
		H_2S	0.08	-			
1566	Storage Tank 1566	VOC	6.01	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1567	Storage Tank 1567	VOC	6.01	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1568	Storage Tank 1568	VOC	6.01	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1569	Storage Tank 1569	VOC	6.05	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.80	-			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
1570	Storage Tank 1570	VOC	6.05	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1571	Storage Tank 1571	VOC	6.05	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1572	Storage Tank 1572	VOC	7.28	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1573	Storage Tank 1573	VOC	6.01	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1574	Storage Tank 1574	VOC	8.17	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.04	-			
1575	Storage Tank 1575	VOC	8.17	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.04	-			
1576	Storage Tank 1576	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1577	Storage Tank 1577	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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**
		H_2S	0.06	-			
1578	Storage Tank 1578	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1579	Storage Tank 1579	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1580	Storage Tank 1580	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1581	Storage Tank 1581	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
1582	Storage Tank 1582	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1583	Storage Tank 1583	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1584	Storage Tank 1584	VOC	7.36	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1585	Storage Tank 1585	VOC	7.31	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1586	Storage Tank 1586	VOC	7.31	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1587	Storage Tank 1587	VOC	7.31	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1588	Storage Tank 1588	VOC	7.31	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.60	-			
1589	Storage Tank 1589	VOC	7.34	-	4, 5, 11, 12	4, 5, 11, 12	4, 5

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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**
		H_2S	0.06	-			
1590	Storage Tank 1590	VOC	6.93	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1591	Storage Tank 1591	VOC	6.93	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1592	Storage Tank 1592	VOC	6.93	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.06	-			
1593	Storage Tank 1593	VOC	6.01	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
1594	Storage Tank 1594	VOC	6.01	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.08	-			
1600	Storage Tank 1600	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1601	Storage Tank 1601	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1602	Storage Tank 1602	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1603	Storage Tank 1603	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1604	Storage Tank 1604	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1605	Storage Tank 1605	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1606	Storage Tank 1606	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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**
		H_2S	0.15	-			
1607	Storage Tank 1607	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1608	Storage Tank 1608	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1609	Storage Tank 1609	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1610	Storage Tank 1610	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			

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Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
1611	Storage Tank 1611	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1612	Storage Tank 1612	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1613	Storage Tank 1613	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1614	Storage Tank 1614	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1615	Storage Tank 1615	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
2101	Storage Tank 2101	VOC	12.74	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.03	-			
2102	Storage Tank 2102	VOC	19.08	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.02	-			
1598	Storage Tank 1598	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5

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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**
		H_2S	0.15	-			
2015-N	Storage Tank 2015-N	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1595	Storage Tank 1595	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1597	Storage Tank 1597	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
2015-Q	Storage Tank 2015-Q	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			

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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
1596	Storage Tank 1596	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
2018-A	Tank 2018-A	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
2018-B	Tank 2018-B	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
2018-C	Tank 2018-C	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1600E	Tank 1600E	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1601E	Tank 1601E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			
1602E	Tank 1602E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			
1603E	Tank 1603E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5

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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
		H_2S	0.19	-			
1604E	Tank 1604E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			
1605E	Tank 1605E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			
1606E	Tank 1606E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			
1607E	Tank 1607E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			

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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
1608E	Tank 1608E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			
1609E	Tank 1609E	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1610E	Tank 1610E	VOC	13.96	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.19	-			
1611E	Tank 1611E	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
1612E	Tank 1612E	VOC	9.83	-	4, 5, 11, 12	4, 5, 11, 12	4, 5
		H_2S	0.15	-			
TANKCAP	Annual Emission Cap (6)	VOC	-	590.00			3
		H_2S	-	28.00			
F-TRML	Fugitive Emissions (5)	VOC	14.69	64.35	5, 28	5, 28	5
		H_2S	0.02	0.08			
DEGAS	Tank Degassing (7)	VOC	1.73	0.83	38, 39, 40, 41, 42, 43	38	

Major NSR Summary Table

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Emission Point No. (1)	**Source Name (2)**	**Air Contaminant Name (3)**	**Emission Rates**		**Monitoring and Testing Requirements**	**Recordkeeping Requirements**	**Reporting Requirements**
			lbs/hour	**TPY (4)**	**Special Condition/Application Information**	**Special Condition/Application Information**	**Special Condition/Application Information**
		H_2S	<0.01	<0.01			
ROOFLAND	Roof Landings	VOC	207.51	91.10	38, 39, 40, 41, 42, 43	38	
		H_2S	1.19	0.69			
COMBUST	Portable Vapor Combustor	CO	8.15	2.85	30, 31	30, 31, 45	
		NO_x	2.07	0.72			
		SO_2	6.62	1.19			
		VOC (9)	3.08	0.55			
		H_2S	0.11	0.02			
		PM	0.11	0.04			
		PM_{10}	0.11	0.04			
		$PM_{2.5}$	0.11	0.04			
SUMP1	SUMP1	VOC	4.03	0.36			
		H_2S	<0.01	<0.01			
SUMP2	SUMP2	VOC	4.03	0.36			
		H_2S	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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
SUMP3	SUMP3	VOC	4.03	0.36			
		H_2S	<0.01	<0.01			
VRU 1	VRU 1 (9)	VOC	0.02	0.04	4	4	4
		H_2S	<0.01	<0.01			
VRU 2	VRU 2 (9)	VOC	0.02	0.04	4	4	4
		H_2S	<0.01	<0.01			
FUG-NGSL	Equipment Leak Fugitives (5)	VOC	0.98	3.42	5, 28	5, 28	5
		H_2S	<0.01	<0.01			
PORT-VC	Portable Vapor Combustor	NO_x	2.07	1.14	30, 31	30, 31, 45	
		CO	8.24	4.53			
		SO_2	0.80	1.05			
		VOC	0.75	0.99			
		PM	0.11	0.06			
		PM_{10}	0.11	0.06			
		$PM_{2.5}$	0.11	0.06			
		H_2S	<0.01	<0.01			
TK-MSS	Uncontrolled Tank MSS	VOC	7.34	0.33	38, 39, 40, 41, 42, 43	38	

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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**
	(T-2100 to 2103)	H_2S	<0.01	<0.01			
MVCU1-A	Marine Vapor Combustor Unit 1-A (Crude Oil, Naphtha, and Condensate)	NO_x	2.71	4.12	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	0.68	1.03			
		SO_2	33.13	66.10			
		VOC	2.18	3.23			
		PM	0.34	0.51			
		PM_{10}	0.34	0.51			
		$PM_{2.5}$	0.34	0.51			
		H_2S	0.02	0.04			

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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**
MVCU1-A	Marine Vapor Combustor Unit 1-A (Natural Gasoline and/or Gasoline Blendstocks)	NO_x	6.39	9.10	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	1.60	2.27			
		SO_2	5.68	6.68			
		VOC	5.33	7.14			
		PM	0.79	1.13			
		PM_{10}	0.79	1.13			
		$PM_{2.5}$	0.79	1.13			
		H_2S	0.01	0.01			
MVCU2	Marine Vapor Combustion Unit 2	NO_x	14.93	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	4.33				
		SO_2	79.52				
		VOC	5.22				
		PM	0.81				

Major NSR Summary Table

Permit Numbers: 56508, PSDTX1444M1 and PSDTX1472M1					Issuance Date: June 20, 2022		
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}	0.81				
		$PM_{2.5}$	0.81				
		H_2S	0.04				
MVCU3	Marine Vapor Combustion Unit 3	NO_x	16.35	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	5.41				
		SO_2	99.40				
		VOC	6.53				
		PM	1.01				
		PM_{10}	1.01				
		$PM_{2.5}$	1.01				
		H_2S	0.05				
MVCU4	Marine Vapor Combustion Unit 4	NO_x	11.47	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	4.33				
		SO_2	79.52				
		VOC	5.22				

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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**
		PM	0.81				
		PM_{10}	0.81				
		$PM_{2.5}$	0.81				
		H_2S	0.04				
MVCU5	Marine Vapor Combustion Unit 5	NO_x	6.49	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	1.62				
		SO_2	79.52				
		VOC	5.22				
		PM	0.81				
		PM_{10}	0.81				
		$PM_{2.5}$	0.81				
		H_2S	0.04				
MVCU6	Marine Vapor Combustion Unit 6	NO_x	6.49	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	1.62				
		SO_2	79.52				

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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	5.22				
		PM	0.81				
		PM_{10}	0.81				
		$PM_{2.5}$	0.81				
		H_2S	0.04				
MVCU7	Marine Vapor Combustion Unit 7	NO_x	6.49	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	1.62				
		SO_2	79.52				
		VOC	5.22				
		PM	0.81				
		PM_{10}	0.81				
		$PM_{2.5}$	0.81				
		H_2S	0.04				
MVCU8	Marine Vapor Combustion Unit 8	NO_x	6.49	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		CO	1.62				

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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
		SO_2	79.52				
		VOC	5.22				
		PM	0.81				
		PM_{10}	0.81				
		$PM_{2.5}$	0.81				
		H_2S	0.04				
COMBUSTCAP	Marine Vapor Combustion Unit 2, 3, 4, 5, 6, 7 and 8 Emissions Cap	NO_x	--	49.94			3
		CO	--	15.15			
		SO_2	--	524.29			
		VOC	--	25.63			
		PM	--	4.36			
		PM_{10}	--	4.36			
		$PM_{2.5}$	--	4.36			
		H_2S	--	0.28			
LOADBDA	Barge Dock A	VOC	6.22	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5

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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**
	Uncaptured Loading Emissions	H_2S	<0.01	--			
LOADBDB	Barge Dock B Uncaptured Loading Emissions	VOC	6.22	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	<0.01	--			
LOADBDC	Barge Dock C Uncaptured Loading Emissions	VOC	6.22	18.65	18, 24	16, 22, 25	22
		H_2S	<0.01	<0.01			
LOADBDD	Barge Dock D Uncaptured Loading Emissions	VOC	6.22	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	<0.01	--			
LOADBDE	Barge Dock E Uncaptured Loading Emissions	VOC	6.22	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	<0.01	--			
LOADSD1	Ship Dock 1 Uncaptured Loading Emissions	VOC	13.43	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	0.04	--			
LOADSD2	Ship Dock 2 Uncaptured Loading Emissions	VOC	14.92	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	0.04	--			

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
LOADSD3	Ship Dock 3 Uncaptured Loading Emissions	VOC	14.92	7.46	18, 24	16, 22, 25	22
		H_2S	<0.01	<0.01			
LOADSD4	Ship Dock 4 Uncaptured Loading Emissions	VOC	14.92	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	0.04	--			
LOADSD5	Ship Dock 5 Uncaptured Loading Emissions	VOC	14.92	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	0.04	--			
LOADSD6	Ship Dock 6 Uncaptured Loading Emissions	VOC	14.92	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	0.04	--			
LOADSD7	Ship Dock 7 Uncaptured Loading Emissions	VOC	14.92	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	0.04	--			
LOADSD8	Ship Dock 8 Uncaptured Loading Emissions	VOC	14.92	--	5, 15, 18, 20, 24	5, 15, 16, 20, 22, 25	5
		H_2S	0.04	--			
LOADCAP	Docks A, D, E, 2, 4, 5, 6, 7, and 8 Uncaptured Loading Emission Cap	VOC	--	18.94			3
		H_2S	--	0.21			
LOADCAP2	Docks B and 1	VOC	--	4.71			3

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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**
	Uncaptured Loading Emission Cap	H_2S	--	0.01			
F-MARINE	MVCU, Barge, & Ship Dock Component Fugitives (5)	VOC	4.01	15.79	28	28	
		H_2S	0.05	0.06			

(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 - nitrogen oxides
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5,}$ as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
H_2S - hydrogen sulfide
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) This is the maximum allowable rolling 12-month combined emission rate from routine storage and roof landings for all floating roof storage tanks covered by this permit. Each storage tank is also subject to its individually listed hourly VOC emission rate for routine storage. In addition, the total annual VOC emission rate from all of the floating roof storage tanks shall not exceed the listed EPN TANKCAP emission limit.
(7) These are maximum VOC emissions for floating roof storage tank in crude oil/condensate service degassing to the atmosphere. Hourly emissions are based on no more than one floating roof storage tank in crude oil/condensate service being degassed to the atmosphere at any one time. Annual emissions are based on up to 20 floating roof storage tanks in crude oil/condensate service being degassed to the atmosphere in any 12-month period. Annual emissions are for a rolling 12-month basis.
(8) These are maximum VOC emissions from the venting of planned landing, degassing and refloating emissions from floating roof storage tanks in crude oil/condensate service to the portable vapor combustor. Hourly emissions are based on emissions from no more than one floating roof storage tanks in crude oil/condensate service being vented to the portable vapor combustor at any one time. Annual emissions are for a rolling 12-month basis.
(9) When storing natural gasoline and/or gasoline blendstocks, storage tanks 2100, 2101 and 2102 are controlled by VRU-1 while storage tank 2103 is controlled by VRU-2.

Major NSR Summary Table

Permit Number: GHGPSDTX191					Issuance Date: June 20, 2022		
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
COMBUST	Portable Vapor Combustor	CO_2 (5)	--	617.04	30, 31	30, 31, 45	
		N_2O (5)	--	0.01			
		CH_4 (5)	--	0.01			
		CO_{2e}	--	618.04			
PORT-VC	Portable Vapor Combustor	CO_2 (5)	-	1216.42	30, 31	30, 31, 45	
		N_2O (5)	-	0.05			
		CH_4 (5)	-	0.01			
		CO_{2e}	-	1221.04			
MVCU1-A	Marine Vapor Combustor Unit 1-A (Crude Oil, Naphtha, and Condensate)	CO_2 (5)	--	11,294.00	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--	0.45			
		CH_4 (5)	--	0.09			
		CO_{2e}	--	11,332.00			
MVCU1-A	Marine Vapor Combustor Unit 1-A (Crude Oil, Naphtha, and Condensate)	CO_2 (5)	--	22,275.46	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--	1.00			
		CH_4 (5)	--	0.20			

Major NSR Summary Table

Permit Number: GHGPSDTX191					Issuance Date: June 20, 2022		
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
		CO_{2e}	--	22,359.96			
MVCU2	Marine Vapor Combustor Unit 2	CO_2 (5)	--	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--				
		CH_4 (5)	--				
		CO_{2e}	--				
MVCU3	Marine Vapor Combustor Unit 3	CO_2 (5)	--	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--				
		CH_4 (5)	--				
		CO_{2e}	--				
MVCU4	Marine Vapor Combustor Unit 4	CO_2 (5)	--	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--				
		CH_4 (5)	--				
		CO_{2e}	--				
MVCU5	Marine Vapor Combustor Unit 5	CO_2 (5)	--	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--				

Major NSR Summary Table

Permit Number: GHGPSDTX191					Issuance Date: June 20, 2022		
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
		CH_4 (5)	--				
		CO_{2e}	--				
MVCU6	Marine Vapor Combustor Unit 6	CO_2 (5)	--	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--				
		CH_4 (5)	--				
		CO_{2e}	--				
MVCU7	Marine Vapor Combustor Unit 7	CO_2 (5)	--	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--				
		CH_4 (5)	--				
		CO_{2e}	--				
MVCU8	Marine Vapor Combustor Unit 8	CO_2 (5)	--	See Annual Cap	5, 27, 29, 46	5, 25, 27, 29, 46	5, 29, 46
		N_2O (5)	--				
		CH_4 (5)	--				
		CO_{2e}	--				
COMBUSTCAP	Marine Vapor	CO_2 (5)	--	96,181			3

Major NSR Summary Table

Permit Number: GHGPSDTX191					Issuance Date: June 20, 2022		
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
	Combustion Unit 2, 3, 4, 5, 6, 7 and 8 Emissions Cap	N_2O (5)	--	3.87			
		CH_4 (5)	--	0.77			
		CO_{2e}	--	96,509			
F-MARINE	MVCU, Barge, & Ship Dock Component Fugitives (5)	CH_4 (5)	--	1.6	28	28	
		CO_{2e}	--	40.48			

(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) and CH_4(25).
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

Texas Commission on Environmental Quality
Air Quality Permit

A Permit Is Hereby Issued To
Energy Transfer Nederland Terminal LLC
Authorizing the Construction and Operation of
Sunoco Partners Nederland Terminal
Located at **Nederland, Jefferson County, Texas**
Latitude 30° 0′ 25″ Longitude −93° 58′ 59″

Permits: 56508, GHGPSDTX191 and PSDTX1444M1

Revision Date: June 20, 2022

Expiration Date: June 11, 2024

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 Number 56508, PSDTX1444M1, PSDTX1472M1, and GHGPSDTX191

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

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

3. Marine vessel loading and marine combustion units’ conditions and maximum allowable emission rate table of this permit shall not apply if the permit holder is ordered by the President of the United States, the Secretary of Energy, the United States Congress, or other government officials with the authority to direct operations of the Strategic Petroleum Reserve (SPR) as follows: **(07/20)**

   A. A full SPR crude oil drawdown,

   B. A limited SPR crude oil drawdown,

   C. A SPR crude oil exchange,

   D. A SPR crude oil test sale drawdown, or

   E. Any other United States Department of Energy event related to the SPR.

   In the event that one of the above events occurs, the holder of this permit shall notify the appropriate Texas Commission on Environmental Quality (TCEQ) Regional Office prior to starting marine loading operations at these facilities The TCEQ Executive Director may require an amendment for this permit if the order exceeds Energy Policy and Conservation Act (EPCA).

Federal Applicability

4. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 Code Federal Regulations (CFR) Part 60: (**07/20)**

   A. Subpart A, General Provisions,

   B. Subpart K, Storage Tanks for Petroleum Liquids for which construction, reconstruction or modification commenced after June 11, 1973 and prior to May 19, 1978.

   C. Subpart Ka, Storage Tanks for Petroleum liquids for which construction, reconstruction or modification commenced after May 18, 1978 and prior to July 23, 1984.

   D. Subpart Kb, Storage Tanks for Petroleum Liquids for which construction, reconstruction or modification commenced after July 23, 1984.

5. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63: **(08/21)**

   A. Subpart A, General Provisions.

   B. Subpart Y, Marine Vessel Loading Operations.

   C. Subpart R, Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations).

   D. Subpart EEEE, Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline).

Emission Standards and Operational Specifications

Storage Tank Service and Design

6. Storage tank numbers 2101, 2102, 133, 204, 205, 1521, 1523, 1525, 1526, 1529 through 1534, 1537 through 1597, 1598, 2015-N, and 2015-Q, 2018-A through 2018-C, 1600 through 1615 (configuration 1) and 1600E through 1612E (configuration 2) authorized in this permit are each authorized to store crude oil, crude oil condensate and petroleum naphtha where each compound has a maximum true vapor pressure that does not exceed 11 pounds per square inch, absolute (psia). **(06/22)**

7. Diesel and fuel oil shall have a maximum true vapor pressure that is less than 0.50 psia. Each compound is authorized for storage in storage tanks numbers 2101, 2102, 133, 204, 205, 1521, 1523, 1525, 1526, 1529 through 1534, 1537 through 1597, 1598 , 2015-N, and 2015-Q, 2018-A through 2018-C, 1600 through 1615 (configuration 1) and 1600E through 1612E (configuration 2). **(06/22)**

8. Storage tanks 2100, 2101, 2102 and 2103 are authorized to store natural gasoline and gasoline blendstocks. **(08/21)**

9. The site shall have the combined maximum throughputs in million (MM) barrels for the following compounds on a rolling twelve-month basis: **(08/21)**

Compounds	**Annual Maximum Throughputs (MM Barrels)**
Crude Oil	3,897
Crude Oil Condensate	3,897
Diesel	3,897
Fuel Oil	3,897
Petroleum Naphtha	3,897
Natural Gasoline/Gasoline Blendstocks	50

10. New compounds can be authorized for storage in each floating roof storage tank authorized in this permit through a registered or non-registered permit by rule claim under 30 Texas Administrative Code (TAC) 106. The specific locations for floating roof storage tanks may vary from the locations represented in the Permit 1980 (Texas Commission on Environmental Quality [TCEQ] Project Number [No] 293137) dated November 10, 2018 amendment application as allowed under the permit alteration requirements contained in 30 TAC §116.166(c). **(08/21)**

11. Monthly throughput records shall be kept to demonstrate compliance with this special conditions on a rolling 24-month basis. A year is defined as a rolling 12-month for this special condition. The compound stored each month in each floating roof storage tank shall be recorded on a monthly basis. The records shall be updated by the last day of the following month and made readily available to the TCEQ personnel upon request.

    A. All storage tanks authorized in this permit are subject to the following requirements. The control requirements specified in paragraphs B-E of this condition shall not apply (1) where the VOC has an aggregate partial pressure of less than 0.50 psia at the maximum feed temperature of 95°F, whichever is greater, or (2) to storage tanks smaller than 25,000 gallons. (Part A through D are not necessary if you are only authorizing fixed roof tanks).

    B. An internal floating deck or “roof” or equivalent control shall be installed in all tanks. The floating roof shall be equipped with one of the following closure devices between the wall of the of the storage vessel and the edge of the internal floating roof (IFR): (1) a liquid-mounted seal, (2) two continuous seals mounted one above the other, or (3) a mechanical shoe seal.

    C. An open-top tank containing a floating roof (external floating roof [EFR] tank) which uses double seal or secondary seal technology shall be an approved control alternative to an IFR tank provided the primary seal consists of either a mechanical shoe seal or a liquid mounted seal and the secondary seal is rim-mounted. A weather shield is not approvable as a secondary seal unless specifically reviewed and determined to be vapor-tight.

D. For any tank equipped with a floating roof, the permit holder shall perform the visual inspections and seal gap measurements as specified in Title 40 Code of Federal Regulations §60.113b (40 CFR §60.113b) Testing and Procedures (as amended at 54 FR 32973, Aug. 11, 1989) to verify fitting and seal integrity. Records shall be maintained of the dates seals were inspected and seal gap measurements made (including raw data), and actions taken to correct any deficiencies noted.

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

F. Uninsulated tank exterior surfaces exposed to the sun shall be white or aluminum. Storage tanks must be equipped with permanent submerged fill pipes.

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

Emissions for tanks shall be calculated using: the TCEQ publication titled “Technical Guidance Package for Chemical Sources – Storage Tanks.”

12. The dissolved hydrogen sulfide in the crude oil or condensate shall not exceed 500 parts per million by weight (ppmw) in any sample. **(07/20)**

A. In order to demonstrate compliance with this Special Condition, the permit holder shall determine the dissolved hydrogen sulfide concentration of each crude oil stock to be stored in the storage tanks identified above. The hydrogen sulfide concentration may be determined using method ASTM UOP163-10 or ASTM D7621-16. Any additional method of sampling method and analysis under must be approved by the TCEQ.

B. The frequency of sampling shall be the more frequent of:

(1) Annual; or

(2) Within 60 days of receipt of a new crude oil stock.

C. Records of H_2S concentrations measured to meet the requirements of this condition shall be maintained at the plant site for five years.

13. The site is authorized for three sumps to be used for maintenance activities related to the natural gasoline and/or gasoline blendstocks operations. Maximum annual throughputs for emission point numbers (EPNs) SUMP1, SUMP2 and SUMP3 is 1,095 barrels per year per sump. **(08/21)**

14. Storage tanks 2100, 2101 and 2102 shall be routed to EPNs VRU1, MVCU1-A, and storage tank 2013 shall be routed to EPNs VRU2 and/or MCVU1-A during natural gasoline service and/or gasoline blendstocks with a vapor pressure greater than 11 pounds per square inch atmosphere (psia). Simultaneous routing to the primary and secondary control device is permitted but not to exceed: **(06/22)**

Control Device	Combined Hourly Throughput (bbls/hr)	Combined Annual Throughput (MMbbls/yr)
VRUs	5,000	50
MVCU1-A	20,000	50
Total	25,000	100

Marine Vessel Loading

15. Except when loading inerted and/or ocean going vessels as addressed in Special Condition 20, 21, 22, loading of materials with a vapor pressure greater than or equal to 0.5 psia shall be conducted utilizing a blower system which will produce a vacuum in the cargo tank during loading operations. A pressure/vacuum gauge shall be installed on the suction side of the blower system adjacent to the vessel being loaded to verify a vacuum in that vessel. Loading shall not occur unless there is a vacuum of at least 1.5 inch water column being maintained by the vacuum-assist vapor collection system when loading vessels. The vacuum shall be recorded every 15 minutes during loading. **(07/20)**

16. Loading operations at this facility are limited to the chemicals represented in the confidential application, PI-1 Form received February 19, 2019. The confidential list of chemicals table shall be maintained at the plant site for review by TCEQ personnel. **(07/20)**

17. The handling of additional chemical(s) may be authorized under permit by rule as allowed by Title 30 Texas Administrative Code Chapter 106 (30 TAC Chapter 106) only if conducted in compliance with this permit's procedures, emission controls, monitoring, and recordkeeping requirements applicable to the activity.

18. Submerged loading shall be utilized for chemicals at each barge and ship dock authorized by this permit.

19. All lines and connectors shall be visually inspected for any defects prior to hookup. Lines and connectors that are visibly damaged shall be removed from service. Operations shall cease immediately upon detection of any liquid leaking from the lines or connections.

20. The following additional requirements apply to loading of a VOC which has a vapor pressure equal to or greater than 0.5 psia under actual storage conditions onto inerted marine vessels (ships). **(07/20)**

    A. Before loading, the owner or operator of the marine terminal shall verify that the marine vessel has passed an annual vapor tightness test as specified in 40 CFR §63.565(c) (September 19, 1995) or 40 CFR §61.304(f) (October 17, 2000) within the previous twelve months, received a recent, completed Standard Tanker Chartering Questionnaire form (Q88) or equivalent

    B. The pressure at the vapor collection connection of an inerted marine vessel must be maintained such that the pressure in a vessels' cargo tanks do not go below 0.2 pounds per square inch gauge (psig) or exceed 80% of the lowest setting of any of the vessel's pressure relief valves. The lowest vessel cargo tank or vent header pressure relief valve setting for the vessel being loaded shall be recorded. Pressure shall be continuously monitored while the vessel is being loaded. Pressure shall be recorded at fifteen minute intervals.

    C. VOC loading rates shall be recorded during loading. The loading rate must not exceed the maximum permitted loading rate.

    D. During loading, the owner or operator of the marine terminal or of the marine vessel shall conduct audio, olfactory, and visual checks for leaks within the first hour of loading and once every 8 hours for on-shore equipment and on board the ship.

        (1) If a liquid leak is detected during loading and cannot be repaired immediately (for example, by tightening a bolt or packing gland), then the loading operation shall cease until the leak is repaired.

        (2) If a vapor leak is detected by sight, sound, smell, or hydrocarbon gas analyzer during the loading operation, then a "first attempt" shall be made to repair the leak. Loading operations need not be ceased if the first attempt to repair the leak is not successful provided that the first attempt effort is documented by the owner or operator of the marine vessel and a copy of the repair log is made available to a representative of the marine terminal.

        (3) If the attempt to repair the leak is not successful and loading continues emissions from the loading operation for that ship shall be calculated assuming a collection efficiency of 99%.

        (4) An optical gas imaging instrument as defined in 30 TAC 115.358 may be used in addition to the audio, olfactory, and visual checks to identify leaks.

        (5) Date and time of each inspection shall be noted in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be made available to representatives of the Texas Commission on Environmental Quality (TCEQ) upon request.

21. The following conditions apply to marine vapor loading at Barge Dock A, B, D and E and Ship Docks 1, 2, 4, 5, 6, and 7: **(07/20)**

    A. Loading emissions of chemicals having a true vapor pressure greater than 0.5 psia at maximum loading temperature from Barge Docks A, B, D and E, and Ship Docks 1, 2, 4,

5, 6, 7, and 8 shall be routed to the appropriate Marine Vapor Combustion Unit (EPNs MVCU1-A, MVCU2, MVCU3, MVCU4, MVCU5, MVCU6, MVCU7, or MVCU8). **(06/22)**

B. The holder of this permit shall maintain loading equipment at Barge Docks A, B, D and E, and Ship Docks 1, 2, 4, 5, 6, 7, and 8 in such a manner that vapor tight connections can be made when loading materials that have a true vapor pressure greater than 0.5 psia at maximum loading temperature.

22. The following conditions apply to marine vapor loading at Barge Docks A, B, C, D and E, and Ship Docks 1, 2, 3, 4, 5, 6, 7, and 8: **(07/20)**

A. Loading is allowed at Barge Docks A, B, C, D and E, and Ship Docks 1, 2, 3, 4, 5, 6, 7, and 8: for chemicals with a true vapor pressure less than or equal to 0.50 psia to the extent that emissions from Barge Docks A, B, C, D and E, and Ship Docks 1, 2, 3, 4, 5, 6, 7, and 8: are in compliance with the applicable emissions contained in the attached maximum allowable emission rates table. Records shall be kept at the plant to demonstrate compliance with this special condition.

B. Except as specified in Special Condition No. 11.A, this permit does not authorize the loading of ships at Barge Dock C unless that loading is pursuant to a full drawdown, limited drawdown, exchange or test sale drawdown of the Strategic Petroleum Reserve or any other United States Department of Energy related event, pursuant to an order authorized by the President, Secretary of Energy, or Congress of the United States. Emissions associated with the above events are not required to meet the emissions limitations in this permit. The holder of this permit shall notify the appropriate TCEQ Regional Office prior to starting ship loading operations at these facilities. The TCEQ Executive Director may require an amendment for this permit if the order exceeds Energy Policy and Conservation Act (EPCA).

23. Simultaneous loading of natural gasoline and/or gasoline blendstocks with vapor pressure equal to or greater than 11.0 psia at Barge Dock B and Ship Dock 1 is permitted but not to exceed 50,000,000 barrels per year (bbls/yr). **(08/21)**

24. The loading rate shall be continuously monitored during loading. The loading rates are not permitted to exceed the values listed in confidential section of the permit application (PI-1 received February 19, 2019.) **(07/20)**

25. The permit holder shall maintain and update a monthly emissions record which includes calculated emissions of VOC from all loading operations over the previous rolling 12-month period. The record shall include the loading spot, control method used, quantity loaded in gallons, name of the liquid loaded, vapor molecular weight, liquid temperature in degrees Fahrenheit, liquid vapor pressure at the liquid temperature in psia, liquid throughput for the previous month and rolling 12 months to date. Records of VOC temperature are not required to be kept for liquids loaded from unheated tanks which receive liquids that are at or below ambient temperatures. Emissions shall be calculated using the TCEQ publication titled “Technical Guidance Package for Chemical Sources - Loading Operations.”

Emissions Controls

Vapor Recovery Units (VRU)

26. Emissions from the vapor recovery units (EPN VRU1 and VRU2) shall not exceed 10 mg/L (0.0835 pound per 1,000 gallons) of natural gasoline and/or gasoline blendstocks loaded. **(08/21)**

Vapor Combustion Units (VCU)

27. The Marine Vapor Combustor Units (EPN MVCU1-A, MVCU2, MVCU3, MVCU4, MVCU5, MVCU6, MVCU7, and MVCU8) shall achieve 99.9-percent control of the emissions from loading operations. This shall be ensured by maintaining the temperature in, or immediately downstream of, the combustion chamber above 1450° F unless a different combustion chamber temperature is established through stack testing conducted in accordance with Special Condition No. 29. Following the completion of that stack test, the six-minute average temperature shall be maintained above the minimum one-hour average temperature maintained during the last satisfactory stack test. **(06/22)**

    A. The temperature measurement device shall reduce the temperature readings to an averaging period of 6 minutes or less and record it at that frequency. The temperature monitor shall be installed, calibrated or have a calibration check performed at least annually, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of ±2 percent of the temperature being measured expressed in degrees Celsius or ±2.5ºC.

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

    C. The vapor combustor shall be operated with no visible emissions and have a constant pilot flame during all times waste gas could be directed to it. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated or have a calibration check performed at a frequency in accordance with, the manufacturer’s specifications.

    D. Fuel gas combusted at this facility shall be sweet natural gas containing no more than 5 grains of total sulfur per 100 dry standard cubic feet. **(09/15)**

    E. The Marine Vapor Combustor Units (EPN MVCU1-A, MVCU2, MVCU3, MVCU4, MVCU5, MVCU6, MVCU7, and MVCU8) shall not be equipped with bypass valves. **(06/22)**

Process Fugitive Monitoring

Piping, Valves, Connectors, Pumps, and Compressors in contact with VOC – 28VHP

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

A. The requirements of paragraphs F and G shall not apply (1) where the Volatile Organic Compound (VOC) has an aggregate partial pressure or vapor pressure of less than 0.044 psia at 68°F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

The exempted components may be identified by one or more of the following methods:

(1) piping and instrumentation diagram (PID);

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

(3) color coding;

(4) a form of weatherproof identification; or

(5) designation of exempted process unit boundaries.

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

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

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

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

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves

shall be closed. If the isolation of equipment for hot work or the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period;

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

or

(2) the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once within the 72 hour period following the creation of the open ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.

F. Accessible valves shall be monitored by leak checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. If a relief valve is equipped with rupture disc, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs is being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

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

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

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

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

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

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

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

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

Initial Demonstration of Compliance

29. The permit holder shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from EPNs MVCU-1A, MVCU2, MVCU3, MVCU4, MVCU5, MVCU6, MVCU7, and MVCU8 to demonstrate compliance

with the MAERT and Special Condition No. 27. 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 Texas Commission on Environmental Quality (TCEQ) Sampling Procedures Manual and the U.S. Environmental Protection Agency (EPA) Reference Methods. **(06/22)**

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 Title 40 Code of Federal Regulation Part 60 (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.

   The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for the test reports. The TCEQ Regional Director must approve any deviation from specified sampling procedures.

B. Air contaminants emitted from the (EPNs MVCU 1A, 2, 3, 4, 5, 6, 7, and 8) to be tested for include NO_x, VOC and H_2S. **(06/22)**

C. Sampling shall occur within 60 days after achieving the maximum operating rate, but no later than 180 days after initial start-up of the facilities (or increase in production, as appropriate) and at such other times (identify the need for any periodic sampling here) as may be required by the TCEQ Executive Director. Requests for additional time to perform sampling shall be submitted to the appropriate regional office.

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

E. During subsequent operations, if the loading rates are greater than that recorded during the test period, stack sampling shall be performed at the new operating conditions within 120 days. This sampling may be waived by the TCEQ Air Section Manager for the region. 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.

Compliance Assurance Monitoring

30. The following requirement apply to capture systems for portable vapor combustor identified as EPN COMBUST and PORT-VC. **(08/21)**

A. If used to control pollutants described as VOC, either:

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

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

B. The control device shall not have a bypass,

Or

If there is a bypass for the control device, comply with either of the following requirements:

(1) Install a flow indicator that records and verifies zero flow at least once every fifteen minutes immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or

(2) Once a month, inspect the valves, verifying the position of the valves and the conditions of the car seals prevent flow out the bypass.

A deviation shall be reported if the monitoring or inspections indicate bypass of the control device.

C. If any of the above inspections are not satisfactory, the permit holder shall promptly take necessary corrective action.

31. The following requirements apply where the portable vapor combustor identified as EPN COMBUST and PORT-VC consists of a portable thermal oxidizer. **(08/21)**

A. The portable vapor combustor shall have a VOC destruction efficiency of at least 99.5-percent. The portable thermal oxidizer must have been stack tested to confirm the required destruction efficiency within the past sixty months. Sixty months is defined as the time from the most recent month and year when a portable vapor combustor is used for EPN COMBUST and PORT-VC. This documentation shall be kept with the thermal oxidizer to demonstrate compliance with this special condition.

B. The vapor combustor firebox exit temperature shall be maintained at not-less-than 1400°F and waste gas flows shall be limited to assure at least a 0.5 second residence time in the firebox while waste gas is being fed into the oxidizer.

C. The temperature measurement device shall be installed, calibrated, maintained and operated according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±0.75 percent of the temperature being measured expressed in degrees Celsius or ±2.5 °C.

32. Combustion engines shall not be used to control tank degassing.

Planned Floating Roof Storage Tank Activities

33. The portable vapor combustor designated as EPN COMBUST (crude/condensate) and EPN PORT-VC (natural gasoline/gasoline blendstocks) shall be in operation for planned floating roof storage tank landing, degassing and roof refloating activities of any floating roof storage tank landing, degassing and roof refloating activity associated with an floating roof storage tank authorized in this NSR permit shall be controlled in accordance with the Special Condition numbers 38 through 42 of this permit unless spelled out as an exception in a permit special condition. **(08/21)**

34. The marine vapor combustion unit designated as EPN MVCU1-A shall be in operation for refilling activities of tanks 2100, 2101 and 2102 during previous natural gasoline service and/or gasoline blendstocks as alternative to Special Condition 33. The marine vapor combustion unit designated as EPN MVCU1-A shall be in operation for refilling activities of tank 2103 during previous natural gasoline service and/or gasoline blendstocks as alternative to Special Condition 33. **(06/22)**

35. The special condition authorizes VOC emissions from the following internal and EFR storage tank numbers: 2100 through 2103, 133, 204, 205, 1521, 1523, 1525, 1526, 1529 through 1534, 1537 through 1597, 1598, 2015-N, and 2015-Q, 2018-A through 2018-C, 1600 through 1615 (configuration 1) and 1600E through 1612E (configuration 2). **(06/22)**

A. VOC emissions shall be directed to the portable vapor combustor designated as EPN COMBUST or PORT-VC for planned internal and EFR storage tanks landings, degassings and roof refloatings in accordance with the requirements of Special Condition numbers 39 through 42 for specific roof landing scenarios (i.e., change of customer, in-service maintenance, inventory management, etc.).

B. Only one floating roof storage tank in crude oil condensate service and one floating roof storage tank in natural gasoline and/or gasoline blendstocks are allowed to be landed in any given hour.

C. Only one floating roof storage tank in crude oil condensate service and one floating roof storage tank in natural gasoline and/or gasoline blendstocks are allowed to be degassed to the atmosphere at any one time provided the below roof vapor space concentration has been reduced to 34,000 ppmv as methane or 10,000 ppmv as VOC in accordance with the requirements of Special Conditions number 39 through 42. **(05/18)**

D. Only one floating roof storage tank in crude oil condensate service and one floating roof storage tank in natural gasoline and/or gasoline blendstocks shall be degassed/refilled in any given hour.

36. Twenty floating roof storage tanks in crude oil/condensate service and four floating roof storage tanks in natural gasoline and/or gasoline blendstocks may be degassed directly to the atmosphere per rolling twelve-month period provided the below roof vapor space concentration is reduced to 34,000 ppmv as methane or 10,000 ppm VOC in accordance with the requirements of Special Condition numbers 39 through 42. **(08/21)**

37. Planned floating roof storage tank roof landings include all operations from the point where there is a discontinuation of the continuous withdrawal of product from a tank after the floating roof is on its supporting legs. Emissions from these planned activities are subject to the maximum allowable emission rates indicated on the MAERT.

38. The occurrence of each planned roof landing, tank degassing and roof refloating and associated emissions shall be recorded and the rolling 12-month tank roof planned roof landing, tank degassing and roof refloating emissions shall be updated on a monthly basis. These records shall include at least the following information:

    A. Identification of the floating roof storage tank and emission point number and any control devices used to reduce emissions;

    B. The reason for the planned floating roof storage tank roof landing;

    C. The date and time of each of the following planned events:

        (1) The floating rank roof was initially landed,

        (2) The continuous withdraw of product was discontinued,

        (3) If applicable, all standing liquid was pumped form the floating roof storage tank to the extent possible,

        (4) If applicable, all standing liquid was removed from the tank

        (5) Tank refilling commenced, and

        (6) Tank roof off supporting legs, floating on liquid,

    D. Estimated quantity of each air contaminant, or mixture of air contaminants, emitted with the data and methods used to determine it. The emission associated with floating roof storage tank landing activities shall be calculated using the methods described in American Petroleum Institute's (API) Technical Report 2567 titled "Evaporative Loss from Storage Tank Floating Roof Landings" dated April 2005 or Section 7.1.3.2 of AP 42 "Compilation of Air Pollution Emission Factors, Chapter 7 – Storage of Organic Liquids.", or other methods approved by the TCEQ.

    E. New floating roof storage tanks to be authorized in the NSR permit other than storage tank numbers 133, 204, 205, 1521, 1523, 1525, 1526, 1529 through 1534, 1537 through 1555, 2101 and 2102 even if originally authorized under a permit by rule or standard exemption will be designed and constructed with a sloped bottom and a sump that can be emptied so that each floating roof storage tank is drain dry when the floating roof is landed. Drain dry is defined as occurring when all standing liquid is removed from the storage tank and the sump. **(08/21)**

    F. If the vapor pressure of the liquid previously stored is equal to or greater than 0.50 psi at 95°F, degassing of the vapor space under landed roof shall meet the following requirements:

(1) Any gas or vapor removed from the vapor space under the landed tank roof storage tank refilling activity must be routed through a vapor capture line to the portable vapor combustor. Control must be maintained until the VOC concentration is less than 34,000 ppmv as methane or 10,000 ppmv as VOC. The locations and identifiers of the vents and controlled exhaust stream shall be recorded. The facilities shall be degassed using good engineering practice such that the tank evacuation rate to the control equipment exceeds the tank fill rate. A record of the tank refill rate and control equipment flow rate shall be maintained to demonstrate compliance.

(2) Two volumes of purge gas equivalent to the volume of the vapor space under the floating roof must have passed through the control device, before the vent stream may be sampled to verify acceptable VOC concentration prior to uncontrolled venting. The measurement of the two volumes of purge gas shall not include any make-up air introduced into the control device.

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

a. Immediately prior to performing sampling, the instrument/FID shall be calibrated with zero and span calibration gas mixtures. Zero gas shall be certified to contain between 0 and 10 ppmv total hydrocarbons. Span calibration gas shall be methane at a concentration between 10,000 and 26,000 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. The results of these checks shall be recorded.

b. The sampling point shall be upstream of the inlet to the portable vapor combustor. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe of the collection system downstream of the process equipment or vessel being purged.

c. 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 a least 5 minutes, recording 1-minute averages. The highest 1-minute average measured VOC concentration shall not exceed 10,000 ppmv as VOC prior to uncontrolled venting.

G. All standing liquid must be removed from the floating roof storage tank or the roof shall be refloated within 24 hours of venting without control.

39. Change of Customer/Change of Product – Near Complete Removal

For planned roof landings associated with Change of Customer/Change of Product where near complete removal of product form the tank is required to either (a) close out inventory pursuant to contract termination/change of customer or (b) store new incompatible product in the tank for an existing customer.

A. Within 72 hours of when continuous planned withdrawal of product has ceased either (a) initiate tank refill to the point where roof is floating with refill emissions being routed to a

99.5-percent efficient or greater control device or (b)commence degassing of tank. **(07/20)**

B. Manage annual planned roof-landing and degassing emissions within the MAERT annual emissions caps.

C. Limited planned tank refill and tank degassing rates as needed to meet individual hourly tank refill and degassing emission in accordance with the MAERT.

D. In cases when planned degassing and roof refloating is required, follow the following procedures:

(1) Evacuate at least four vapor space volumes to 99.5-percent efficient or greater control device. **(08/21)**

(2) Continue degassing if needed to reduce tank vapor space concentration down to 34,000 ppmv as methane, or 10,000 ppmv as VOC.

(3) Prior to refilling tank, either (a) confirm vapor space concentration has remained less than 34,000 ppmv as methane or 10,000 ppmv VOC, or (b) refill tank with displaced vapors routed to 99.5 percent efficient or greater control device until roof is refloated. **(08/21)**

40. Change of Customer/Change of Product – Complete Removal

For planned roof landings associated with Change of Customer/Change of Product where complete removal of product from the tank is required to either (a) close out inventory pursuant to contract termination/change of customer or (b) store new incompatible product in the tank for an existing customer.

A. Within 72 hours of when continuous planned withdrawal of product has ceased either (a) initiate tank refill to the point where roof is floating with refill emissions being route to a 99.5-percent efficient or greater control device, or (b) commence degassing of tank. **(07/20)**

B. Manage annual planned roof-landing and degassing emission within the MAERT annual emissions caps.

C. Limited planned tank refill and tank degassing rates as needed to meet individual hourly tank refill and degassing emissions in accordance with the MAERT.

D. In cases when planned degassing and roof refloating is required, follow the following procedures:

(1) Evacuate at least four vapor space volumes to 99.5-percent efficient or greater control device. **(08/21)**

(2) Cease forced air, and then commence removal of residual liquid product within twenty-four hours.

(3) Monitor tank vapor space concentration and re-commence degassing if needed to reduce tank vapor space concentration down to 34,000 ppmv as methane using a FID or other TCEQ approved alternative device, or 10,000 ppmv as VOC.

(4) Prior to refilling tank, either (a) confirm vapor space concentration has remained less than 34,000 ppmv methane or 10,000 ppmv VOC, (a) refill tank with

displaced vapors routed to 99.5-percent efficient or greater control device until roof is refloated. **(08/21)**

41. In-Service Planned Maintenance

For planned roof landings associated with In-Service Planned Maintenance where the roof must be landed in order to perform various planned maintenance, inspection or repair activities that do not require the tank being taken out of service. This may include but is not limited to repair of roof tears and other defects from normal wear and tear and replacement of tank components.

A. Within 72 hours of when continuous planned withdrawal of product has ceased either (a) initiate tank refill to the point where roof is floating either refill emissions being routed to a 99.5 percent efficient or greater control device, or (b) commence degassing of tank.

B. Manage annual planned roof-landing and degassing emissions within the MAERT annual emissions caps.

C. Limit planned tank refill and tank degassing rates as-needed to meet individual hourly tank refill and degassing emissions in accordance with the MAERT.

D. In cases when planned degassing and roof refloating is required, follow the following procedures:

(1) Evacuate at least four vapor space volumes to 99.5-percent efficient or greater control device. **(08/21)**

(2) Continue degassing if needed to reduce tank vapor space concentration down to 34,000 ppmv as methane or 10,000 ppmv as VOC.

(3) Prior to refilling tank, either (a) confirm vapor space concentration has remained less than 34,000 ppmv methane or 10,000 ppmv VOC, or (b) refill tank with displaced vapors routed to 99.5-percent efficient or greater control device until roof is refloated. **(08/21)**

42. Inventory Management

For planned roof landings associated with Inventory Management where the customer seeks to withdraw inventory in a manner that will cause the roof to be landed and then subsequently refills tank with the same or a compatible product.

A. Commence degassing of tank and roof refloating to 99.5-percent efficient or greater control device within 24 hours of continuous withdrawal of product having ceased and continue degassing until roof is refloated. Refilling of tank is not allowed during the initial 24-hour period unless the tank vapor space is being routed to a 99.5-percent efficient or greater control device. **(07/20)**

B. Manage annual roof-landing and degassing emissions within the MAERT annual emissions caps.

C. Limit planned tank refill and tank degassing rates as-needed to meet individual hourly tank refill and degassing emissions in accordance with the MAERT.

43. Planned Out of Service Maintenance

For roof landings associated with Planned Out of Service Maintenance where the roof must be landed and tank taken out of service pursuant to a contract termination or in order to perform various planned maintenance, inspection and repair activities. This may include but is not limited to API tank integrity inspections, periodic NSPS inspections and repairs/planned maintenance that require work in a below roof, confined space environment.

A. Commence planned degassing of tank to 99.5-percent efficient or greater control device within 24 hours of continuous withdrawal of product having ceased.

B. Manage planned annual roof-landing and degassing emissions within annual emissions caps.

C. Limited planned tank refill and tank degassing rates as-needed to meet individual hourly tank refill and degassing emissions in accordance in the MAERT.

D. Follow these planned degassing and roof refloating procedures:

(1) Evacuate at least four vapor space volumes to 99.5-percent efficient or greater control device. **(07/20)**

(2) Cease forced air and then commence removal of residual liquid product.

(3) Monitor tank vapor space concentration and re-commence degassing if needed to reduce tank vapor space concentration down to 34,000 ppmv as methane or 10,000 ppmv as VOC.

(4) Upon confirming vapor space meets 34,000 ppmv as methane or 10,000 ppmv as VOC, forced air (uncontrolled venting) may be used as needed to ready vapor space in accordance with worker safety standards.

44. Any floating roof storage tank containing a liquid authorized for storage in this permit with a true vapor pressure less than 0.50 psia shall not require any VOC abatement when a planned landing or planned refloating of a floating roof occurs.

45. Portable Vapor Combustor

A. Any liquid removed from the floating roof tank bottom with a true vapor pressure equal to or greater than 0.50 psia must be stored in a closed vessel until transferred to permanent storage.

B. Vapors from the vapor space under each landed tank roof and from each storage tank refilling activity that are required to be controlled under this permit shall be routed through a vapor capture line to the portable vapor combustor designated as EPN COMBUST or PORT-VC. Alternatively, vapors from refilling activities of tanks 2100, 2101 and 2102 in natural gasoline and/or gasoline blendstocks service may be routed to the marine vapor combustion unit designated as EPN MVCU1-A and vapors from refilling activities of tank 2103 in natural gasoline and/or gasoline blendstocks service may be routed to the marine vapor combustion unit designated as EPN MVCU1-A. The facilities shall be degassed using good engineering practice such that the tank evacuation to the control equipment exceeds the tank fill rate. A record of the tank refill rates and control equipment flow rate shall be maintained to demonstrate compliance. Control is required during refilling if the liquid has a true vapor pressure equal to or greater than 0.50 psi at 95°F. **(06/22)**

C. The following requirements apply when filling floating roof storage tanks with a landed roof if the true vapor pressure of the liquid is equal to or greater than 0.50 psia at 95°F.

(1) A maximum of one floating roof-storage tank authorized in this permit may be refilled at any time with the permit authorized compounds.

(2) The maximum pumping rate of 6,000 barrels per hour (bbl/hr) applies during refloating of floating roof storage tanks in crude oil/condensate service.

D. Pilot fuel and supplemental fuel used in the portable vapor combustor is limited pipeline quality sweet natural gas and propane. Use of any other fuel will require a permit amendment be approved by the TCEQ Executive Director.

E. The portable vapor combustor must achieve 99.5-percent or greater VOC control during any planned floating roof storage tank landing, degassing and roof refloating activity directing VOC containing waste gas to it. **(07/20)**

Greenhouse Gas Emissions

46. Monitoring, quality assurance/quality control requirements, emission calculation methodologies, record keeping, and reporting requirements related to GHG emissions shall adhere to the applicable requirements in 40 CFR Part 98 and this permit. **(07/20)**

Where a methodology of 40 CFR Part 98 is referenced in this permit, such reference method shall be modified as follows:

A. References to annual measurements shall be construed as rolling 12-month totals if the relevant parameter is measured on a monthly or more frequent basis.

B. References to annual measurements that are not measured at a frequency greater than one month (e.g., quarterly or semiannual) shall be construed as the average of the most recent measurements based on a rolling 12-month period (e.g., average of 4 quarterly or 2 semiannual measurements).

47. Permit holders must keep records sufficient to demonstrate compliance with 30 TAC §116.164. If construction, a physical change or a change in the 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 the method of operation does not require authorization under 30 TAC §116.164(a). If there is construction, a physical change or a 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.

Allowable emission rates and special conditions are updated to be consistent with records required by 30 TAC §116.164. **(06/22)**

Permits by Rule

48. The following sources and/or activities are authorized through Permit by Rule (PBR) in 30 TAC Chapter 106. These lists are not intended to be all inclusive and can be altered without modification to this permit.

Authorization	Source or Activity
PBR No. 107665	Planned maintenance, startup and shutdown
PBR No. 118730	Wastewater and oil recovery tanks
30 TAC § 106.183 (effective 6/18/1997)	Railcar steam boilers
30 TAC § 106.263 (effective 11/01/01)	Routine facility maintenance

Date: June 20, 2022

Permit 56508

Attachment A

MSS Activity Summary

Facilities	Description	Emissions Activity	EPN
all floating roof tanks	tank roof landing	operation with landed roof	ROOFLAND TK-MSS
all floating roof tanks	degas of tank with landed roof	controlled degassing	COMBUST PORT-VC
all floating roof tanks	tank refilling	refilling	COMBUST PORT-VC
all floating roof tanks	degas of tank to atmosphere	uncontrolled degassing	DEGAS TK-MSS

Dated: August 13, 2021

Emission Sources - Maximum Allowable Emission Rates

Permit Number 56508, PSDTX1444M1, PSDTX1472M1

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)
133	Storage Tank 133	VOC	13.24	-
		H_2S	0.07	-
204	Storage Tank 204	VOC	11.76	-
		H_2S	0.09	-
205	Storage Tank 205	VOC	11.77	-
		H_2S	0.09	-
1521	Storage Tank 1521	VOC	10.90	-
		H_2S	0.09	-
1523	Storage Tank 1523	VOC	9.14	-
		H_2S	0.05	-
1525	Storage Tank 1525	VOC	9.28	-
		H_2S	0.06	-
1526	Storage Tank 1526	VOC	9.14	-
		H_2S	0.05	-
1529	Storage Tank 1529	VOC	7.69	-
		H_2S	0.08	-
1530	Storage Tank 1530	VOC	7.55	-
		H_2S	0.07	-
1531	Storage Tank 1531	VOC	7.62	-
		H_2S	0.06	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1532	Storage Tank 1532	VOC	7.55	-
		H_2S	0.07	-
1533	Storage Tank 1533	VOC	9.33	-
		H_2S	0.10	-
1534	Storage Tank 1534	VOC	10.83	-
		H_2S	0.17	-
1537	Storage Tank 1537	VOC	8.99	-
		H_2S	0.07	-
1538	Storage Tank 1538	VOC	8.99	-
		H_2S	0.07	-
1539	Storage Tank 1539	VOC	8.73	-
		H_2S	0.06	-
1540	Storage Tank 1540	VOC	8.92	-
		H_2S	0.06	-
1541	Storage Tank 1541	VOC	6.19	-
		H_2S	0.09	-
1542	Storage Tank 1542	VOC	6.19	-
		H_2S	0.09	-
1543	Storage Tank 1543	VOC	6.45	-
		H_2S	0.06	-
1544	Storage Tank 1544	VOC	7.10	-
		H_2S	0.09	-
1545	Storage Tank 1545	VOC	6.45	-
		H_2S	0.06	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1546	Storage Tank 1546	VOC	6.18	-
		H_2S	0.10	-
1547	Storage Tank 1547	VOC	9.08	-
		H_2S	0.07	-
1548	Storage Tank 1548	VOC	7.97	-
		H_2S	0.06	-
1549	Storage Tank 1549	VOC	7.97	-
		H_2S	0.06	-
1550	Storage Tank 1550	VOC	7.97	-
		H_2S	0.06	-
1551	Storage Tank 1551	VOC	5.99	-
		H_2S	0.09	-
1552	Storage Tank 1552	VOC	6.21	-
		H_2S	0.10	-
1553	Storage Tank 1553	VOC	7.83	-
		H_2S	0.05	-
1554	Storage Tank 1554	VOC	6.21	-
		H_2S	0.10	-
1555	Storage Tank 1555	VOC	8.71	-
		H_2S	0.06	-
1556	Storage Tank 1556	VOC	6.08	-
		H_2S	0.08	-
1557	Storage Tank 1557	VOC	11.01	-
		H_2S	0.21	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1558	Storage Tank 1558	VOC	6.55	-
		H_2S	0.07	-
1559	Storage Tank 1559	VOC	6.08	-
		H_2S	0.08	-
1560	Storage Tank 1560	VOC	6.08	-
		H_2S	0.08	-
1561	Storage Tank 1561	VOC	6.08	-
		H_2S	0.08	-
1562	Storage Tank 1562	VOC	6.05	-
		H_2S	0.08	-
1563	Storage Tank 1563	VOC	5.89	-
		H_2S	0.08	-
1564	Storage Tank 1564	VOC	5.89	-
		H_2S	0.08	-
1565	Storage Tank 1565	VOC	5.89	-
		H_2S	0.08	-
1566	Storage Tank 1566	VOC	6.01	-
		H_2S	0.08	-
1567	Storage Tank 1567	VOC	6.01	-
		H_2S	0.08	-
1568	Storage Tank 1568	VOC	6.01	-
		H_2S	0.08	-
1569	Storage Tank 1569	VOC	6.05	-
		H_2S	0.80	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1570	Storage Tank 1570	VOC	6.05	-
		H_2S	0.08	-
1571	Storage Tank 1571	VOC	6.05	-
		H_2S	0.08	-
1572	Storage Tank 1572	VOC	7.28	-
		H_2S	0.06	-
1573	Storage Tank 1573	VOC	6.01	-
		H_2S	0.08	-
1574	Storage Tank 1574	VOC	8.17	-
		H_2S	0.04	-
1575	Storage Tank 1575	VOC	8.17	-
		H_2S	0.04	-
1576	Storage Tank 1576	VOC	7.36	-
		H_2S	0.06	-
1577	Storage Tank 1577	VOC	7.36	-
		H_2S	0.06	-
1578	Storage Tank 1578	VOC	7.36	-
		H_2S	0.06	-
1579	Storage Tank 1579	VOC	7.36	-
		H_2S	0.06	-
1580	Storage Tank 1580	VOC	7.36	-
		H_2S	0.06	-
1581	Storage Tank 1581	VOC	7.36	-
		H_2S	0.06	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1582	Storage Tank 1582	VOC	7.36	-
		H_2S	0.08	-
1583	Storage Tank 1583	VOC	7.36	-
		H_2S	0.06	-
1584	Storage Tank 1584	VOC	7.36	-
		H_2S	0.06	-
1585	Storage Tank 1585	VOC	7.31	-
		H_2S	0.06	-
1586	Storage Tank 1586	VOC	7.31	-
		H_2S	0.06	-
1587	Storage Tank 1587	VOC	7.31	-
		H_2S	0.06	-
1588	Storage Tank 1588	VOC	7.31	-
		H_2S	0.60	-
1589	Storage Tank 1589	VOC	7.34	-
		H_2S	0.06	-
1590	Storage Tank 1590	VOC	6.93	-
		H_2S	0.06	-
1591	Storage Tank 1591	VOC	6.93	-
		H_2S	0.06	-
1592	Storage Tank 1592	VOC	6.93	-
		H_2S	0.06	-
1593	Storage Tank 1593	VOC	6.01	-
		H_2S	0.08	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1594	Storage Tank 1594	VOC	6.01	-
		H_2S	0.08	-
1600	Storage Tank 1600	VOC	9.83	-
		H_2S	0.15	-
1601	Storage Tank 1601	VOC	9.83	-
		H_2S	0.15	-
1602	Storage Tank 1602	VOC	9.83	-
		H_2S	0.15	-
1603	Storage Tank 1603	VOC	9.83	-
		H_2S	0.15	-
1604	Storage Tank 1604	VOC	9.83	-
		H_2S	0.15	-
1605	Storage Tank 1605	VOC	9.83	-
		H_2S	0.15	-
1606	Storage Tank 1606	VOC	9.83	-
		H_2S	0.15	-
1607	Storage Tank 1607	VOC	9.83	-
		H_2S	0.15	-
1608	Storage Tank 1608	VOC	9.83	-
		H_2S	0.15	-
1609	Storage Tank 1609	VOC	9.83	-
		H_2S	0.15	-
1610	Storage Tank 1610	VOC	9.83	-
		H_2S	0.15	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1611	Storage Tank 1611	VOC	9.83	-
		H_2S	0.15	-
1612	Storage Tank 1612	VOC	9.83	-
		H_2S	0.15	-
1613	Storage Tank 1613	VOC	9.83	-
		H_2S	0.15	-
1614	Storage Tank 1614	VOC	9.83	-
		H_2S	0.15	-
1615	Storage Tank 1615	VOC	9.83	-
		H_2S	0.15	-
2101	Storage Tank 2101	VOC	12.74	-
		H_2S	0.03	-
2102	Storage Tank 2102	VOC	19.08	-
		H_2S	0.02	-
1598	Storage Tank 1598	VOC	9.83	-
		H_2S	0.15	-
2015-N	Storage Tank 2015-N	VOC	9.83	-
		H_2S	0.15	-
1595	Storage Tank 1595	VOC	9.83	-
		H_2S	0.15	-
1597	Storage Tank 1597	VOC	9.83	-
		H_2S	0.15	-
2015-Q	Storage Tank 2015-Q	VOC	9.83	-
		H_2S	0.15	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1596	Storage Tank 1596	VOC	9.83	-
		H_2S	0.15	-
2018-A	Tank 2018-A	VOC	9.83	-
		H_2S	0.15	-
2018-B	Tank 2018-B	VOC	9.83	-
		H_2S	0.15	-
2018-C	Tank 2018-C	VOC	9.83	-
		H_2S	0.15	-
1600E	Tank 1600E	VOC	9.83	-
		H_2S	0.15	-
1601E	Tank 1601E	VOC	13.96	-
		H_2S	0.19	-
1602E	Tank 1602E	VOC	13.96	-
		H_2S	0.19	-
1603E	Tank 1603E	VOC	13.96	-
		H_2S	0.19	-
1604E	Tank 1604E	VOC	13.96	-
		H_2S	0.19	-
1605E	Tank 1605E	VOC	13.96	-
		H_2S	0.19	-
1606E	Tank 1606E	VOC	13.96	-
		H_2S	0.19	-
1607E	Tank 1607E	VOC	13.96	-
		H_2S	0.19	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1608E	Tank 1608E	VOC	13.96	-
		H_2S	0.19	-
1609E	Tank 1609E	VOC	9.83	-
		H_2S	0.15	-
1610E	Tank 1610E	VOC	13.96	-
		H_2S	0.19	-
1611E	Tank 1611E	VOC	9.83	-
		H_2S	0.15	-
1612E	Tank 1612E	VOC	9.83	-
		H_2S	0.15	-
TANKCAP	Annual Emission Cap (6)	VOC	-	590.00
		H_2S	-	28.00
F-TRML	Fugitive Emissions (5)	VOC	14.69	64.35
		H_2S	0.02	0.08
DEGAS	Tank Degassing (7)	VOC	1.73	0.83
		H_2S	<0.01	<0.01
ROOFLAND	Roof Landings	VOC	207.51	91.10
		H_2S	1.19	0.69

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
COMBUST	Portable Vapor Combustor	CO	8.15	2.85
		NO_x	2.07	0.72
		SO_2	6.62	1.19
		VOC (9)	3.08	0.55
		H_2S	0.11	0.02
		PM	0.11	0.04
		PM_{10}	0.11	0.04
		$PM_{2.5}$	0.11	0.04
SUMP1	SUMP1	VOC	4.03	0.36
		H_2S	<0.01	<0.01
SUMP2	SUMP2	VOC	4.03	0.36
		H_2S	<0.01	<0.01
SUMP3	SUMP3	VOC	4.03	0.36
		H_2S	<0.01	<0.01
VRU 1	VRU 1 (9)	VOC	0.02	0.04
		H_2S	<0.01	<0.01
VRU 2	VRU 2 (9)	VOC	0.02	0.04
		H_2S	<0.01	<0.01
FUG-NGSL	Equipment Leak Fugitives (5)	VOC	0.98	3.42
		H_2S	<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)
PORT-VC	Portable Vapor Combustor	NO_x	2.07	1.14
		CO	8.24	4.53
		SO_2	0.80	1.05
		VOC	0.75	0.99
		PM	0.11	0.06
		PM_{10}	0.11	0.06
		$PM_{2.5}$	0.11	0.06
		H_2S	<0.01	<0.01
TK-MSS	Uncontrolled Tank MSS (T-2100 to 2103)	VOC	7.34	0.33
		H_2S	<0.01	<0.01
MVCU1-A	Marine Vapor Combustor Unit 1-A (Crude Oil, Naphtha, and Condensate)	NO_x	2.71	4.12
		CO	0.68	1.03
		SO_2	33.13	66.10
		VOC	2.18	3.23
		PM	0.34	0.51
		PM_{10}	0.34	0.51
		$PM_{2.5}$	0.34	0.51
		H_2S	0.02	0.04

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
MVCU1-A	Marine Vapor Combustor Unit 1-A (Natural Gasoline and/or Gasoline Blendstocks)	NO_x	6.39	9.10
		CO	1.60	2.27
		SO_2	5.68	6.68
		VOC	5.33	7.14
		PM	0.79	1.13
		PM_{10}	0.79	1.13
		$PM_{2.5}$	0.79	1.13
		H_2S	0.01	0.01
MVCU2	Marine Vapor Combustion Unit 2	NO_x	14.93	See Annual Cap
		CO	4.33	
		SO_2	79.52	
		VOC	5.22	
		PM	0.81	
		PM_{10}	0.81	
		$PM_{2.5}$	0.81	
		H_2S	0.04	
MVCU3	Marine Vapor Combustion Unit 3	NO_x	16.35	See Annual Cap
		CO	5.41	
		SO_2	99.40	
		VOC	6.53	
		PM	1.01	
		PM_{10}	1.01	

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		$PM_{2.5}$	1.01	
		H_2S	0.05	
MVCU4	Marine Vapor Combustion Unit 4	NO_x	11.47	See Annual Cap
		CO	4.33	
		SO_2	79.52	
		VOC	5.22	
		PM	0.81	
		PM_{10}	0.81	
		$PM_{2.5}$	0.81	
		H_2S	0.04	
MVCU5	Marine Vapor Combustion Unit 5	NO_x	6.49	See Annual Cap
		CO	1.62	
		SO_2	79.52	
		VOC	5.22	
		PM	0.81	
		PM_{10}	0.81	
		$PM_{2.5}$	0.81	
		H_2S	0.04	
MVCU6	Marine Vapor Combustion Unit 6	NO_x	6.49	See Annual Cap
		CO	1.62	
		SO_2	79.52	
		VOC	5.22	
		PM	0.81	
		PM_{10}	0.81	
		$PM_{2.5}$	0.81	

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		H_2S	0.04	
MVCU7	Marine Vapor Combustion Unit 7	NO_x	6.49	See Annual Cap
		CO	1.62	
		SO_2	79.52	
		VOC	5.22	
		PM	0.81	
		PM_{10}	0.81	
		$PM_{2.5}$	0.81	
		H_2S	0.04	
MVCU8	Marine Vapor Combustion Unit 8	NO_x	6.49	See Annual Cap
		CO	1.62	
		SO_2	79.52	
		VOC	5.22	
		PM	0.81	
		PM_{10}	0.81	
		$PM_{2.5}$	0.81	
		H_2S	0.04	
COMBUSTCAP	Marine Vapor Combustion Unit 2, 3, 4, 5, 6, 7 and 8 Emissions Cap	NO_x	--	49.94
		CO	--	15.15
		SO_2	--	524.29
		VOC	--	25.63
		PM	--	4.36
		PM_{10}	--	4.36
		$PM_{2.5}$	--	4.36
		H_2S	--	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)
LOADBDA	Barge Dock A Uncaptured Loading Emissions	VOC	6.22	--
		H_2S	<0.01	--
LOADBDB	Barge Dock B Uncaptured Loading Emissions	VOC	6.22	--
		H_2S	<0.01	--
LOADBDC	Barge Dock C Uncaptured Loading Emissions	VOC	6.22	18.65
		H_2S	<0.01	<0.01
LOADBDD	Barge Dock D Uncaptured Loading Emissions	VOC	6.22	--
		H_2S	<0.01	--
LOADBDE	Barge Dock E Uncaptured Loading Emissions	VOC	6.22	--
		H_2S	<0.01	--
LOADSD1	Ship Dock 1 Uncaptured Loading Emissions	VOC	13.43	--
		H_2S	0.04	--
LOADSD2	Ship Dock 2 Uncaptured Loading Emissions	VOC	14.92	--
		H_2S	0.04	--
LOADSD3	Ship Dock 3 Uncaptured Loading Emissions	VOC	14.92	7.46
		H_2S	<0.01	<0.01
LOADSD4	Ship Dock 4 Uncaptured Loading Emissions	VOC	14.92	--
		H_2S	0.04	--
LOADSD5	Ship Dock 5 Uncaptured Loading Emissions	VOC	14.92	--
		H_2S	0.04	--
LOADSD6	Ship Dock 6 Uncaptured Loading Emissions	VOC	14.92	--
		H_2S	0.04	--
LOADSD7	Ship Dock 7 Uncaptured Loading Emissions	VOC	14.92	--
		H_2S	0.04	--

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
LOADSD8	Ship Dock 8 Uncaptured Loading Emissions	VOC	14.92	--
		H_2S	0.04	--
LOADCAP	Docks A, D, E, 2, 4, 5, 6, 7, and 8 Uncaptured Loading Emission Cap	VOC	--	18.94
		H_2S	--	0.21
LOADCAP2	Docks B and 1 Uncaptured Loading Emission Cap	VOC	--	4.71
		H_2S	--	0.01
F-MARINE	MVCU, Barge, & Ship Dock Component Fugitives (5)	VOC	4.01	15.79
		H_2S	0.05	0.06

(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 - nitrogen oxides
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5,}$ as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
H_2S - hydrogen sulfide
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) This is the maximum allowable rolling 12-month combined emission rate from routine storage and roof landings for all floating roof storage tanks covered by this permit. Each storage tank is also subject to its individually listed hourly VOC emission rate for routine storage. In addition, the total annual VOC emission rate from all of the floating roof storage tanks shall not exceed the listed EPN TANKCAP emission limit.
(7) These are maximum VOC emissions for floating roof storage tank in crude oil/condensate service degassing to the atmosphere. Hourly emissions are based on no more than one floating roof storage tank in crude oil/condensate service being degassed to the atmosphere at any one time. Annual emissions are based on up to 20 floating roof storage tanks in crude oil/condensate service being degassed to the atmosphere in any 12-month period. Annual emissions are for a rolling 12-month basis.
(8) These are maximum VOC emissions from the venting of planned landing, degassing and refloating emissions from floating roof storage tanks in crude oil/condensate service to the portable vapor combustor. Hourly emissions are based on emissions from no more than one floating roof storage tanks in crude oil/condensate service being vented to the portable vapor combustor at any one time. Annual emissions are for a rolling 12-month basis.
(9) When storing natural gasoline and/or gasoline blendstocks, storage tanks 2100, 2101 and 2102 are controlled by VRU-1 while storage tank 2103 is controlled by VRU-2.

Date: June 20, 2022

Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX191

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

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
COMBUST	Portable Vapor Combustor	CO_2 (5)	--	617.04
		N_2O (5)	--	0.01
		CH_4 (5)	--	0.01
		CO_{2e}	--	618.04
PORT-VC	Portable Vapor Combustor	CO_2 (5)	-	1216.42
		N_2O (5)	-	0.05
		CH_4 (5)	-	0.01
		CO_{2e}	-	1221.04
MVCU1-A	Marine Vapor Combustor Unit 1-A (Crude Oil, Naphtha, and Condensate)	CO_2 (5)	--	11,294.00
		N_2O (5)	--	0.45
		CH_4 (5)	--	0.09
		CO_{2e}	--	11,332.00
MVCU1-A	Marine Vapor Combustor Unit 1-A (Crude Oil, Naphtha, and Condensate)	CO_2 (5)	--	22,275.46
		N_2O (5)	--	1.00
		CH_4 (5)	--	0.20
		CO_{2e}	--	22,359.96
MVCU2	Marine Vapor Combustor Unit 2	CO_2 (5)	--	See Annual Cap
		N_2O (5)	--	
		CH_4 (5)	--	

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		CO_{2e}	--	
MVCU3	Marine Vapor Combustor Unit 3	CO_2 (5)	--	See Annual Cap
		N_2O (5)	--	
		CH_4 (5)	--	
		CO_{2e}	--	
MVCU4	Marine Vapor Combustor Unit 4	CO_2 (5)	--	See Annual Cap
		N_2O (5)	--	
		CH_4 (5)	--	
		CO_{2e}	--	
MVCU5	Marine Vapor Combustor Unit 5	CO_2 (5)	--	See Annual Cap
		N_2O (5)	--	
		CH_4 (5)	--	
		CO_{2e}	--	
MVCU6	Marine Vapor Combustor Unit 6	CO_2 (5)	--	See Annual Cap
		N_2O (5)	--	
		CH_4 (5)	--	
		CO_{2e}	--	
MVCU7	Marine Vapor Combustor Unit 7	CO_2 (5)	--	See Annual Cap
		N_2O (5)	--	
		CH_4 (5)	--	
		CO_{2e}	--	
MVCU8	Marine Vapor Combustor Unit 8	CO_2 (5)	--	See Annual Cap
		N_2O (5)	--	
		CH_4 (5)	--	

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		CO_{2e}	--	
COMBUSTCAP	Marine Vapor Combustion Unit 2, 3, 4, 5, 6, 7 and 8 Emissions Cap	CO_2 (5)	--	96,181
		N_2O (5)	--	3.87
		CH_4 (5)	--	0.77
		CO_{2e}	--	96,509
F-MARINE	MVCU, Barge, & Ship Dock Component Fugitives (5)	CH_4 (5)	--	1.6
		CO_{2e}	--	40.48

(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) and CH_4(25).
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

Date: June 20, 2022