FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Invista S.à.r.l.

AUTHORIZING THE OPERATION OF

Invista, La Porte Plant
Industrial Organic Chemicals

LOCATED AT

Harris County, Texas

Latitude 29° 41' 10" Longitude 95° 2' 3"

Regulated Entity Number: RN104244942

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: O1891 Issuance Date: October 27, 2011

For the Commission

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General Terms and Conditions

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

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

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

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

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

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

1. Permit holder shall comply with the following requirements:

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

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

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

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

E. Emission units subject to 40 CFR Part 63, Subparts A, G, H, PPP or ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, §§ 113.100, 113.120, 113.130, 113.730 or 113.1090 respectively, which incorporates the 40 CFR Part 63 Subpart by reference.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(ii) Title 30 TAC § 111.111(a)(1)(E)

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

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

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

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

(3) Records of all observations shall be maintained.

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

(5) Compliance Certification:

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

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required

under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

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

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

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

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

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

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the

observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

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

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

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

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

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following

periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

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

(2) Records of all observations shall be maintained.

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

(4) Compliance Certification:

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

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity

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

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

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

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

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

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

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

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

(ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6. The permit holder shall comply with the requirements of 30 TAC § 115.722(b) (relating to Site-wide Cap and Control Requirements) and the requirements of 30 TAC § 115.726(g) (relating to Recordkeeping and Reporting Requirements).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(5)(i) - (ii), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures

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

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

D. Title 40 CFR § 61.357(a), and (b) (relating to Reporting Requirements)

11. 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.

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

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

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

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

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

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

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

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

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

A. General Leak Detection Requirements:

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

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

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

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

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

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

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

16. For the chemical manufacturing facilities subject to wastewater operations requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with

the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):

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

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

17. 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

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

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

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

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

be collected in accordance with the requirements specified in 40 CFR § 64.7(c).

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

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

(i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or

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

F. The permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:

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

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

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

19. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the

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

New Source Review Authorization Requirements

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

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

    B. Shall be located with this operating permit

    C. Are not eligible for a permit shield

21. 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.

22. 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, material safety data sheets (MSDS), 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.

A. If applicable, monitoring of control device performance or general work practice standards shall be made in accordance with the TCEQ Periodic Monitoring Guidance document.

B. 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).

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

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

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

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

Compliance Requirements

24. 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.

25. 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)(2)

(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)(2)

(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

26. 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

Risk Management Plan

27. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of

40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

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

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

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

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

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

Permit Location

29. 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)

30. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No

later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary 23

Applicable Requirements Summary 42

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
TF-04P2	DISTILLATION OPERATIONS	N/A	60NNN-002	40 CFR Part 60, Subpart NNN	No changing attributes.
TF-BDOP	DISTILLATION OPERATIONS	N/A	60NNN-003	40 CFR Part 60, Subpart NNN	No changing attributes.
TR-06P	DISTILLATION OPERATIONS	N/A	63PPP-G2V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-08P	DISTILLATION OPERATIONS	N/A	63PPP-G2V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-09P	DISTILLATION OPERATIONS	N/A	63PPP-G2V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-TR1306	DISTILLATION OPERATIONS	N/A	63PPP-G1V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-VS1405	DISTILLATION OPERATIONS	N/A	63PPP-G1V	40 CFR Part 63, Subpart PPP	No changing attributes.
TF-02P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit., Flow Rate or VOC Concentration = Flow rate is less than 0.011 scm/min or the VOC concentration is less than 500 ppmv.
TF-02P	EMISSION POINTS/STATIONARY VENTS/PROCESS	N/A	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS				
TF-02P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-V2	40 CFR Part 63, Subpart G	No changing attributes.
TF-02P1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-6	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TF-02P1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-V2	40 CFR Part 63, Subpart G	No changing attributes.
TF-02P3V	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-7	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TF-02P3V	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-V2	40 CFR Part 63, Subpart G	No changing attributes.
TF-02P4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-6	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TF-02P4	EMISSION POINTS/STATIONARY	N/A	63G-V2	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
TF-04P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-7	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TF-08CV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-7	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TF-09CV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5780V-1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
TF-09CV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-5	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TF-09CV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-V1	40 CFR Part 63, Subpart G	No changing attributes.
TF-BDOP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-8	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-01CV	EMISSION	N/A	R5121-4	30 TAC Chapter 115, Vent	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Gas Controls	
TR-03T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-04T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-06T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-12P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-13P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-15P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TR-16P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-17P	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-38T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-40T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-41T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-42T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-43T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TR-58T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-61T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-62T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-63T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-64T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TR-65T	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TF-09C	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
TF-09C	FLARES	N/A	R5720F-1	30 TAC Chapter 115,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				HRVOC Vent Gas	
TF-09C	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
TF-09C	FLARES	N/A	63A-3	40 CFR Part 63, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., HEATING VALUE OF GAS = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
TR-01C	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
TR-01C	FLARES	N/A	60A-1	40 CFR Part 60, Subpart A	No changing attributes.
TR-01C	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
TF-26	FUGITIVE EMISSION UNITS	N/A	R5352-1	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
TF-26	FUGITIVE EMISSION UNITS	N/A	60VVa-ALL	40 CFR Part 60, Subpart VVa	No changing attributes.
TF-26	FUGITIVE EMISSION UNITS	N/A	63H-1	40 CFR Part 63, Subpart H	No changing attributes.
TR-35F2	FUGITIVE EMISSION UNITS	N/A	R5352-2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TR-35F2	FUGITIVE EMISSION UNITS	N/A	60VV-1	40 CFR Part 60, Subpart VV	No changing attributes.
TR-35F2	FUGITIVE EMISSION UNITS	N/A	63PPP-FUG	40 CFR Part 63, Subpart PPP	No changing attributes.
TF-01L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205b	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TF-02L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205b	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TF-03L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205b	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure greater than or equal to 0.5 psia., DAILY THROUGHPUT = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., CHPTR 115 CNTRL DEV TYPE = No control device., TRANSFER TYPE = Only loading., CONTROL OPTIONS = Vapor balance system., VAPOR TIGHT = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TF-03L	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure less than 0.5 psia., TRANSFER TYPE = Loading and unloading.
TF-04L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205b	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure greater than or equal to 0.5 psia., DAILY THROUGHPUT = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., CHPTR 115 CNTRL DEV TYPE = No control device., TRANSFER TYPE = Only loading., CONTROL OPTIONS = Vapor balance system., VAPOR TIGHT = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
TF-04L	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure less than 0.5 psia., TRANSFER TYPE = Loading and unloading.
TF-05L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205c	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure greater than or equal to 0.5 psia., DAILY THROUGHPUT = Daily

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., CHPTR 115 CNTRL DEV TYPE = No control device., CONTROL OPTIONS = Vapor balance system., VAPOR TIGHT = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
TF-05L	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure less than 0.5 psia.
TF-06L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205c	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure greater than or equal to 0.5 psia., DAILY THROUGHPUT = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., CHPTR 115 CNTRL DEV TYPE = No control device., CONTROL OPTIONS = Vapor balance system., VAPOR TIGHT = Not all liquid and vapor lines are equipped with fittings which

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					make vapor-tight connections that close automatically when disconnected.
TF-06L	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure less than 0.5 psia.
TF-07L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205b	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TF-2L	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TF-2L	LOADING/UNLOADING OPERATIONS	N/A	63G-L1	40 CFR Part 63, Subpart G	No changing attributes.
TF-30L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205b	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TF-30L	LOADING/UNLOADING OPERATIONS	N/A	63G-L2	40 CFR Part 63, Subpart G	No changing attributes.
TR-01L	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TR-03L	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TR-07L	LOADING/UNLOADIN	N/A	R5211-205d	30 TAC Chapter 115,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	G OPERATIONS			Loading and Unloading of VOC	
TR-21L	LOADING/UNLOADING OPERATIONS	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure less than 0.5 psia., TRANSFER TYPE = Only unloading.
TR-21L	LOADING/UNLOADING OPERATIONS	N/A	R5211-205b	30 TAC Chapter 115, Loading and Unloading of VOC	TRUE VAPOR PRESSURE = True vapor pressure greater than or equal to 0.5 psia., DAILY THROUGHPUT = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., CHPTR 115 CNTRL DEV TYPE = No control device., TRANSFER TYPE = Only loading., CONTROL OPTIONS = Vapor balance system., VAPOR TIGHT = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
TR-10P	MISCELLANEOUS UNITS	N/A	63PPP-G2V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-11WW	MISCELLANEOUS UNITS	N/A	63PPP-WWG1	40 CFR Part 63, Subpart PPP	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TR-18P	MISCELLANEOUS UNITS	N/A	63PPP-G2V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-23T	MISCELLANEOUS UNITS	N/A	63PPP-G2T	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-27T	MISCELLANEOUS UNITS	N/A	63PPP-WWTK	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-35F1	MISCELLANEOUS UNITS	N/A	63PPP-FUG	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-35F3	MISCELLANEOUS UNITS	N/A	63PPP-FUG	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-35F4	MISCELLANEOUS UNITS	N/A	63PPP-FUG	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-35F5	MISCELLANEOUS UNITS	N/A	63PPP-FUG	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-PF1824	MISCELLANEOUS UNITS	N/A	63PPP-G1V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-PF1831	MISCELLANEOUS UNITS	N/A	63PPP-G1V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-SPFLTR	MISCELLANEOUS UNITS	N/A	63PPP-G1V	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-TR1010	MISCELLANEOUS UNITS	N/A	63PPP-G2V	40 CFR Part 63, Subpart PPP	No changing attributes.
TF-02P3B	REACTOR	N/A	60RRR-003	40 CFR Part 60, Subpart RRR	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TF-03P	REACTOR	N/A	60RRR-002	40 CFR Part 60, Subpart RRR	No changing attributes.
ENG-1	SRIC ENGINES	N/A	60JJJJ-01	40 CFR Part 60, Subpart JJJJ	No changing attributes.
ENG-1	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
TF-01T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-01T	STORAGE TANKS/VESSELS	N/A	63G-T1	40 CFR Part 63, Subpart G	No changing attributes.
TF-02T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-02T	STORAGE TANKS/VESSELS	N/A	63G-T2	40 CFR Part 63, Subpart G	No changing attributes.
TF-03T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-03T	STORAGE TANKS/VESSELS	N/A	63G-T3	40 CFR Part 63, Subpart G	No changing attributes.
TF-04T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-04T	STORAGE TANKS/VESSELS	N/A	63G-T4	40 CFR Part 63, Subpart G	No changing attributes.
TF-05T	STORAGE TANKS/VESSELS	N/A	R5112-60	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
TF-05T	STORAGE TANKS/VESSELS	N/A	63G-T5	40 CFR Part 63, Subpart G	No changing attributes.
TF-06T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-07T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-08T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-08T	STORAGE TANKS/VESSELS	N/A	63G-T6	40 CFR Part 63, Subpart G	No changing attributes.
TF-09T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-09T	STORAGE TANKS/VESSELS	N/A	63G-T7	40 CFR Part 63, Subpart G	No changing attributes.
TF-10T	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	TANK DESCRIPTION = Tank using a submerged fill pipe
TF-10T	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	TANK DESCRIPTION = Tank using a vapor recovery system (VRS), CONTROL DEVICE TYPE = Other vapor recovery unit
TF-10T	STORAGE TANKS/VESSELS	N/A	63G-WWTANK	40 CFR Part 63, Subpart G	No changing attributes.
TF-10T	STORAGE TANKS/VESSELS	N/A	63PPP-WWTK	40 CFR Part 63, Subpart PPP	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TF-11T	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-12T	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-13T	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-14T	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-15T	STORAGE TANKS/VESSELS	N/A	R5112-5	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-16T	STORAGE TANKS/VESSELS	N/A	R5112-5	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-17T	STORAGE TANKS/VESSELS	N/A	R5112-8	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-18T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-19T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-20T	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-20T	STORAGE TANKS/VESSELS	N/A	63G-T8	40 CFR Part 63, Subpart G	No changing attributes.
TF-22T	STORAGE TANKS/VESSELS	N/A	R5112-60	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
TF-23T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-25T	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-26T	STORAGE TANKS/VESSELS	N/A	R5112-22	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-27T	STORAGE TANKS/VESSELS	N/A	R5112-22	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-30T	STORAGE TANKS/VESSELS	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-30T	STORAGE TANKS/VESSELS	N/A	63G-T13	40 CFR Part 63, Subpart G	No changing attributes.
TF-51T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-51T	STORAGE TANKS/VESSELS	N/A	63G-T9	40 CFR Part 63, Subpart G	No changing attributes.
TF-52T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-52T	STORAGE TANKS/VESSELS	N/A	63G-T10	40 CFR Part 63, Subpart G	No changing attributes.
TF-53T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-53T	STORAGE TANKS/VESSELS	N/A	63G-T11	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TF-54T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TF-54T	STORAGE TANKS/VESSELS	N/A	63G-T12	40 CFR Part 63, Subpart G	No changing attributes.
TF-TKBRINE	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-07T	STORAGE TANKS/VESSELS	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-08T	STORAGE TANKS/VESSELS	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-09T	STORAGE TANKS/VESSELS	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-10T	STORAGE TANKS/VESSELS	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-11T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-12T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-13T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-14T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-15T	STORAGE TANKS/VESSELS	N/A	R5112-60	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
TR-16T	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-20T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-21T	STORAGE TANKS/VESSELS	N/A	R5112-6	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-21T	STORAGE TANKS/VESSELS	N/A	63PPP-G1T	40 CFR Part 63, Subpart PPP	No changing attributes.
TR-24T	STORAGE TANKS/VESSELS	N/A	R5112-7	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-25T	STORAGE TANKS/VESSELS	N/A	R5112-7	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-57T	STORAGE TANKS/VESSELS	N/A	R5112-7	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-66T	STORAGE TANKS/VESSELS	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-67T	STORAGE TANKS/VESSELS	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-68T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TR-69T	STORAGE TANKS/VESSELS	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	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)
TF-04P2	EP	60NNN-002	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h)	§ 60.664(g)(1) § 60.665(l)(7) § 60.665(p)
TF-BDOP	EP	60NNN-003	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h)	§ 60.664(g)(1) § 60.665(l)(7) § 60.665(p)
TR-06P	EU	63PPP-G2V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) § 63.113(e) [G]§ 63.115(f)	For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	[G]§ 63.115(a) [G]§ 63.115(d) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) § 63.1439(a)	§ 63.115(e)(2) § 63.117(b) [G]§ 63.118(h) [G]§ 63.1439(e)(5)
TR-08P	EU	63PPP-G2V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) § 63.113(e) [G]§ 63.115(f)	For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent	[G]§ 63.115(a) [G]§ 63.115(d) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) § 63.1439(a)	§ 63.115(e)(2) § 63.117(b) [G]§ 63.118(h) [G]§ 63.1439(e)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.			
TR-09P	EU	63PPP-G2V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) § 63.113(e) [G]§ 63.115(f)	For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	[G]§ 63.115(a) [G]§ 63.115(d) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) § 63.1439(a)	§ 63.115(e)(2) § 63.117(b) [G]§ 63.118(h) [G]§ 63.1439(e)(5)
TR-TR1306	EU	63PPP-G1V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.115(f)	Requirements for process vents at PMPUs that produce polyether polyol products using tetrahydrofuran. For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	§ 63.114(a)(2) [G]§ 63.114(d)(2) [G]§ 63.115(a) [G]§ 63.115(d) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.117(a)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) § 63.1439(a) § 63.1439(b)(1) [G]§ 63.1439(b)(1)(i)	§ 63.117(a)(2) § 63.117(a)(3) [G]§ 63.117(a)(5) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) § 63.1439(b)(1)(ii) [G]§ 63.1439(e)(5) [G]§ 63.1439(e)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TR-VS1405	EU	63PPP-G1V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.115(f)	Requirements for process vents at PMPUs that produce polyether polyol products using tetrahydrofuran. For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	§ 63.114(a)(2) [G]§ 63.114(d)(2) [G]§ 63.115(a) [G]§ 63.115(d) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.117(a)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) § 63.1439(a) § 63.1439(b)(1) [G]§ 63.1439(b)(1)(i)	§ 63.117(a)(2) § 63.117(a)(3) [G]§ 63.117(a)(5) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) § 63.1439(b)(1)(ii) [G]§ 63.63.1439(e)(5) [G]§ 63.63.1439(e)(6)
TF-02P	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(4)(C) [G]§ 115.122(a)(4) § 115.127(a)(4)	Any SOCMI reactor process or distillation operation vent gas stream with a flow rate < 0.011 scm/min (0.388 scf/min) or a VOC concentration < 500 ppmv is exempt from §115.121(a)(2)(A).	[G]§ 115.125 § 115.126(2) § 115.126(3)(D)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(D)	None
TF-02P	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(A) § 60.18	No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
TF-02P	EP	63G-V2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(e) [G]§ 63.115(f)	The owner or operator of a Group 2 process vent with a TRE index > 4.0 shall	[G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c)	§ 63.117(b) [G]§ 63.118(c) [G]§ 63.152(a)	§ 63.115(e)(2) [G]§ 63.118(g) [G]§ 63.118(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)
						maintain a TRE index value > 4.0, comply with the sections as specified.	[G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)		[G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii)
TF-02P1	EP	R5121-6	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(4)(D) [G]§ 115.122(a)(4) § 115.127(a)(4)	Any SOCMI distillation operation vent gas stream which meets the requirements of §60.660(c)(4) or §60.662(c) is exempt from the requirements of §115.121(a)(2)(A).	None	None	None
TF-02P1	EP	63G-V2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(e) [G]§ 63.115(f)	The owner or operator of a Group 2 process vent with a TRE index > 4.0 shall maintain a TRE index value > 4.0, comply with the sections as specified.	[G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c) [G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) [G]§ 63.152(a)	§ 63.115(e)(2) [G]§ 63.118(g) [G]§ 63.118(h) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii)
TF-02P3V	EP	R5121-7	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(4)(E) [G]§ 115.122(a)(4) § 115.127(a)(4)	Any SOCMI reactor process vent gas stream which meets the requirements of §60.700(c)(2) or §60.702(c) is exempt from the requirements of §115.121(a)(2)(A).	None	None	None
TF-02P3V	EP	63G-V2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(e) [G]§ 63.115(f)	The owner or operator of a Group 2 process vent with a TRE index > 4.0 shall maintain a TRE index value > 4.0, comply with the sections as specified.	[G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c) [G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) [G]§ 63.152(a)	§ 63.115(e)(2) [G]§ 63.118(g) [G]§ 63.118(h) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii)
TF-02P4	EP	R5121-6	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(4)(D) [G]§ 115.122(a)(4) § 115.127(a)(4)	Any SOCMI distillation operation vent gas stream which meets the	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of §60.660(c)(4) or §60.662(c) is exempt from the requirements of §115.121(a)(2)(A).			
TF-02P4	EP	63G-V2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(e) [G]§ 63.115(f)	The owner or operator of a Group 2 process vent with a TRE index > 4.0 shall maintain a TRE index value > 4.0, comply with the sections as specified.	[G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c) [G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) [G]§ 63.152(a)	§ 63.115(e)(2) [G]§ 63.118(g) [G]§ 63.118(h) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii)
TF-04P	EP	R5121-7	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(4)(E) [G]§ 115.122(a)(4) § 115.127(a)(4)	Any SOCMI reactor process vent gas stream which meets the requirements of §60.700(c)(2) or §60.702(c) is exempt from the requirements of §115.121(a)(2)(A).	None	None	None
TF-08CV	EP	R5121-7	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(4)(E) [G]§ 115.122(a)(4) § 115.127(a)(4)	Any SOCMI reactor process vent gas stream which meets the requirements of §60.700(c)(2) or §60.702(c) is exempt from the	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of §115.121(a)(2)(A).			
TF-09CV	EP	R5780V-1	HIGHLY REACTIVE VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(c)(1) § 115.722(c)(3) § 115.722(d) § 115.722(d)(1) § 115.722(d)(2)	HRVOC emissions at each site located in Harris County that is subject to this division or Division 2 of this subchapter must not exceed 1,200 pounds of HRVOC per one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination.	§ 115.725(n)	§ 115.726(d)(1) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) [G]§ 115.726(g) [G]§ 115.726(h) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n)
TF-09CV	EP	R5121-5	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(A) § 60.18	No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
TF-09CV	EP	63G-V1	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
TF-BDOP	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(B)	No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
TR-01CV	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(B) § 60.18	No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title.	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
TR-03T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-04T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TR-06T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-12P	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-13P	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-15P	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-16P	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).			
TR-17P	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-38T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-40T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-41T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TR-42T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-43T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-58T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-61T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-62T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).			
TR-63T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-64T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TR-65T	EP	R5121-23	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TF-09C	EU	R1111-1	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TF-09C	EP	R5720F-1	HIGHLY REACTIVE VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(d) § 115.722(d)(1) § 115.722(d)(2) [G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) [G]§ 115.725(l) § 115.725(m)(2)(A) § 115.725(m)(2)(B) [G]§ 115.726(a)(2)	All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.	[G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) § 115.725(d)(3) § 115.725(d)(4) § 115.725(d)(5) § 115.725(d)(6) § 115.725(d)(7) § 115.725(k)(1) [G]§ 115.725(l) § 115.725(m) § 115.725(m)(1) § 115.725(m)(2)(A) § 115.725(m)(2)(B) § 115.725(n)	§ 115.726(a)(1) § 115.726(a)(1)(A) § 115.726(d)(1) § 115.726(d)(10) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n) § 115.726(a)(1)(B) [G]§ 115.726(a)(2)
TF-09C	CD	63A-2	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						used.			
TF-09C	CD	63A-3	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
TR-01C	EU	R1111-1	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
TR-01C	CD	60A-1	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
TR-01C	CD	63A-1	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery &	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161	None	§ 115.356 § 115.356(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Petrochemicals		(January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.		[G]§ 115.356(3)(C)	
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10)	No flanges or other connectors shall be allowed to have a VOC leak, for	§ 115.354(1) § 115.354(10) § 115.354(11)	§ 115.352(7) § 115.354(10) § 115.356	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TF-26	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
TF-26	EU	60VVa-ALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.480a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart VVa	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart VVa	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart VVa	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart VVa	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart VVa
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.164 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Compressors. §63.164(a)-(i)	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

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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)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

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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)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TF-26	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TR-35F2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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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)
TR-35F2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
TR-35F2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
TR-35F2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
TR-35F2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dropping or exuding of	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(8)	process fluid based on sight, smell, or sound.			
TR-35F2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
TR-35F2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dropping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	§ 60.482-1(d)	Equipment that is in vacuum service is excluded from the requirements of §60.482-2 to §60.482-10, if it is identified as required in §60.486(e)(5).	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-2 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Pumps in light liquid service shall comply with the requirements outlined in § 60.482-2(a)-(f).	[G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-7 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2	Valves in gas/vapor service and in light liquid service shall comply with the requirements outlined in § 60.482-7(a)-(h).	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	§ 60.482-4(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(b)(1) § 60.482-4(b)(2) § 60.482-4(d)(1) § 60.482-4(d)(2) [G]§ 60.482-9	Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background.	§ 60.482-4(b)(1) § 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Pumps in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a)	Pressure relief devices in light-liquid service shall	[G]§ 60.482-8 § 60.485(a)	[G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(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)
					§ 60.482-1(b) [G]§ 60.482-9	comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	[G]§ 60.487(c) § 60.487(e)
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Flanges and other connectors shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
TR-35F2	EU	60VV-1	VOC	40 CFR Part 60, Subpart VV	[G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9	Valves in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d).	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
TR-35F2	EU	63PPP-FUG	HAP	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.160(b)(1) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.166 [G]§ 63.167 [G]§ 63.168 [G]§ 63.169 § 63.170 [G]§ 63.171 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176	The owner or operator of each affected source shall comply with the HON equipment leak requirements in 40 CFR part 63, subpart H for all equipment in organic HAP service, except as specified in paragraphs (b) through (g) of this section.	[G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.168 [G]§ 63.169 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TF-01L	EU	R5211-205b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
TF-02L	EU	R5211-205b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
TF-03L	EU	R5211-205b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 115.215(9)		
TF-03L	EU	R5211-3	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
TF-04L	EU	R5211-205b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
TF-04L	EU	R5211-3	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
TF-05L	EU	R5211-205c	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(2) § 115.212(a)(3)(A)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) §	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	
TF-05L	EU	R5211-3	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
TF-06L	EU	R5211-205c	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
TF-06L	EU	R5211-3	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	§ 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)
						from the requirements of this division, except as specified.			
TF-07L	EU	R5211-205b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
TF-2L	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as 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
TF-2L	EU	63G-L1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
TF-30L	EU	R5211-205b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216(3)(A)(iii) § 115.216(3)(B)	
TF-30L	EU	63G-L2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
TR-01L	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as 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
TR-03L	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as 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
TR-07L	EU	R5211-205d	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(3)(A) §	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) §	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C) § 60.18	with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1) § 115.216(1)(B)	§ 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	
TR-21L	EU	R5211-2	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
TR-21L	EU	R5211-205b	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
TR-10P	EU	63PPP-G2V	HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(f) § 63.113(e) [G]§ 63.115(f)	For each process vent in a PMPU that uses tetrahydrofuran (THF) to	[G]§ 63.115(a) [G]§ 63.115(d) § 63.115(e)(1)	§ 63.117(b) [G]§ 63.118(c) § 63.1439(a)	§ 63.115(e)(2) § 63.117(b) [G]§ 63.118(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)
						produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	[G]§ 63.115(f)		[G]§ 63.1439(e)(5)
TR-11WW	EU	63PPP-WWG1	HAP	40 CFR Part 63, Subpart PPP	§ 63.1433(a)	Process wastewater. Except as specified in paragraph (c) of this section, the owner or operator of each affected source shall comply with the HON wastewater requirements in §§63.132 through 63.147 for each process wastewater stream originating at an affected source, with the HON leak inspection requirements in §63.148, and with the HON requirements in §63.149 for equipment that is subject to §63.149, with the differences noted in paragraphs (a)(1) through (20) of this section.	None	None	§ 63.1439(e)(2) [G]§ 63.1439(e)(3) § 63.1439(e)(5) [G]§ 63.1439(e)(5)(i) § 63.1439(e)(5)(vii) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(iii) § 63.1439(e)(6)(iii)(D)(3)
TR-18P	EU	63PPP-G2V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) § 63.113(e) [G]§ 63.115(f)	For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply	[G]§ 63.115(a) [G]§ 63.115(d) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.117(b) [G]§ 63.118(c) § 63.1439(a)	§ 63.115(e)(2) § 63.117(b) [G]§ 63.118(h) [G]§ 63.1439(e)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.			
TR-23T	EU	63PPP-G2T	HAP	40 CFR Part 63, Subpart PPP	§ 63.1432(a) § 63.119(a)(3)	For each storage vessel located at an affected source, the owner or operator shall comply with the HON storage vessel requirements of §§63.119 through 63.123 and the HON leak inspection provisions in §63.148, with the differences noted in paragraphs (b) through (p) of this section, for the purposes of this subpart.	None	§ 63.123(a) § 63.1439(a)	[G]§ 63.1439(e)(5) § 63.1439(e)(6)(iii)(D)(1)
TR-27T	EU	63PPP-WWTK	HAP	40 CFR Part 63, Subpart PPP	§ 63.1433(a)	Process wastewater. Except as specified in paragraph (c) of this section, the owner or operator of each affected source shall comply with the HON wastewater requirements in §§63.132 through 63.147 for each process wastewater stream originating at an affected source, with the HON leak inspection requirements in §63.148, and with the HON requirements in §63.149 for equipment that is subject to §63.149, with the differences noted in paragraphs (a)(1) through (20) of this section.	None	None	§ 63.1439(e)(2) [G]§ 63.1439(e)(3) § 63.1439(e)(5) [G]§ 63.1439(e)(5)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TR-35F1	EU	63PPP-FUG	HAP	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.166 [G]§ 63.167 [G]§ 63.168 [G]§ 63.169 § 63.170 [G]§ 63.171 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176	The owner or operator of each affected source shall comply with the HON equipment leak requirements in 40 CFR part 63, subpart H for all equipment in organic HAP service, except as specified in paragraphs (b) through (g) of this section.	[G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.168 [G]§ 63.169 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TR-35F3	EU	63PPP-FUG	HAP	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.166 [G]§ 63.167 [G]§ 63.168 [G]§ 63.169 § 63.170 [G]§ 63.171 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175	The owner or operator of each affected source shall comply with the HON equipment leak requirements in 40 CFR part 63, subpart H for all equipment in organic HAP service, except as specified in paragraphs (b) through (g) of this section.	[G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.168 [G]§ 63.169 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.176				
TR-35F4	EU	63PPP-FUG	HAP	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.166 [G]§ 63.167 [G]§ 63.168 [G]§ 63.169 § 63.170 [G]§ 63.171 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176	The owner or operator of each affected source shall comply with the HON equipment leak requirements in 40 CFR part 63, subpart H for all equipment in organic HAP service, except as specified in paragraphs (b) through (g) of this section.	[G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.168 [G]§ 63.169 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
TR-35F5	EU	63PPP-FUG	HAP	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163(g) [G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.166 [G]§ 63.167 [G]§ 63.168 [G]§ 63.169 § 63.170 [G]§ 63.171	The owner or operator of each affected source shall comply with the HON equipment leak requirements in 40 CFR part 63, subpart H for all equipment in organic HAP service, except as specified in paragraphs (b) through (g) of this section.	[G]§ 63.163 [G]§ 63.164 [G]§ 63.165 [G]§ 63.168 [G]§ 63.169 [G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.173 [G]§ 63.174 [G]§ 63.175 [G]§ 63.176				
TR-PF1824	EU	63PPP-G1V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.115(f)	Requirements for process vents at PMPUs that produce polyether polyol products using tetrahydrofuran. For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	§ 63.114(a)(2) [G]§ 63.114(d)(2) [G]§ 63.115(a) [G]§ 63.115(d) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.117(a)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) § 63.1439(a) § 63.1439(b)(1) [G]§ 63.1439(b)(1)(i)	§ 63.117(a)(2) § 63.117(a)(3) [G]§ 63.117(a)(5) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) § 63.1439(b)(1)(ii) [G]§ 63.1439(e)(5) [G]§ 63.1439(e)(6)
TR-PF1831	EU	63PPP-G1V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.115(f)	Requirements for process vents at PMPUs that produce polyether polyol products using tetrahydrofuran. For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs	§ 63.114(a)(2) [G]§ 63.114(d)(2) [G]§ 63.115(a) [G]§ 63.115(d) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.117(a)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) § 63.1439(a) § 63.1439(b)(1) [G]§ 63.1439(b)(1)(i)	§ 63.117(a)(2) § 63.117(a)(3) [G]§ 63.117(a)(5) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) § 63.1439(b)(1)(ii) [G]§ 63.1439(e)(5) [G]§ 63.1439(e)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(f)(1) through (10) of this section.			
TR-SPFLTR	EU	63PPP-G1V	HAP	40 CFR Part 63, Subpart PPP	§ 63.1425(f) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.115(f)	Requirements for process vents at PMPUs that produce polyether polyol products using tetrahydrofuran. For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	§ 63.114(a)(2) [G]§ 63.114(d)(2) [G]§ 63.115(a) [G]§ 63.115(d) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.117(a)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) § 63.1439(a) § 63.1439(b)(1) [G]§ 63.1439(b)(1)(i)	§ 63.117(a)(2) § 63.117(a)(3) [G]§ 63.117(a)(5) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) § 63.1439(b)(1)(ii) [G]§ 63.1439(e)(5) [G]§ 63.1439(e)(6)
TR-TR1010	EU	63PPP-G2V	HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(f) § 63.113(e) [G]§ 63.115(f)	For each process vent in a PMPU that uses tetrahydrofuran (THF) to produce one or more polyether polyol products that is, or is part of, an affected source, the owner or operator shall comply with the HON process vent requirements in §§63.113 through 63.118, except as provided for in paragraphs (f)(1) through (10) of this section.	[G]§ 63.115(a) [G]§ 63.115(d) § 63.115(e)(1) [G]§ 63.115(f) § 63.117(b)	§ 63.117(b) [G]§ 63.118(c) § 63.1439(a)	§ 63.115(e)(2) § 63.117(b) [G]§ 63.118(h) [G]§ 63.1439(e)(5)
TF-02P3B	EP	60RRR-003	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.700(c)(8)	Each facility operated with a TOC concentration in the vent stream < 300 ppmv	[G]§ 60.704(h) § 60.705(l)(8)	§ 60.705(j)	§ 60.705(l)(8) § 60.705(p)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(Method 18) or < 150 ppmv (Method 25A) is exempt, except for §60.704(h) and §60.705(j), (l)(8), and (p).			
TF-03P	EP	60RRR-002	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.700(c)(2) § 60.702(c)	Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t).	[G]§ 60.704(d) § 60.704(e) [G]§ 60.704(e)(1) § 60.704(e)(2) § 60.704(f) § 60.704(f)(1) § 60.704(f)(2)	[G]§ 60.705(g) § 60.705(t)	§ 60.704(f)(1) § 60.705(l) § 60.705(l)(1) § 60.705(l)(6)
ENG-1	EU	60JJJJ-01	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(a) § 1054.105(a) § 60.4231(a) § 60.4234 § 60.4243(a) § 60.4243(g) § 60.4246	Owners and operators of stationary SI ICE with a maximum engine power less than or equal to 19 KW and manufactured on or after 07/01/2008 must comply with a CO emission limit of 610 g/KW-hr, as stated in 40 CFR 60.4231(a) and 40 CFR 90.103(a) and 40 CFR 1054.105(a).	None	§ 60.4243(a)(1) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3)	None
ENG-1	EU	60JJJJ-01	HC and NO_X	40 CFR Part 60, Subpart JJJJ	§ 60.4233(a) § 1054.105(a) § 60.4231(a) § 60.4234 § 60.4243(a) § 60.4243(g) § 60.4246	Owners and operators of stationary SI ICE with a maximum engine power less than or equal to 19 KW and a displacement of less than 225cc and manufactured in the 2012 model year or later must comply with an HC+NOx emission limit of 10 g/KW-hr, as stated in 40 CFR 60.4231(a) and 40 CFR 1054.105(a)-Table 1.	None	§ 60.4243(a)(1) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3)	None
ENG-1	EU	63ZZZZ-	112(B)	40 CFR Part 63,	§ 63.6590(c)	A new/reconstructed	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)
		01	HAPS	Subpart ZZZZ		stationary RICE located at an area source, or located at a major source of HAP emissions and is a spark ignition (SI) 2SLB < 500 HP, SI 4 SLB < 250 HP, or 4SRB, compression ignition (CI), emergency or limited use, or which combusts landfill or digester gas at > 10% of the gross heat input < 500 HP must meet the requirements of this part by meeting the requirements of 40 CFR Part 60, Subpart IIII, for CI engines or 40 CFR Part 60, Subpart JJJJ, for SI engines.			
TF-01T	EU	R5112-60	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
TF-01T	EU	63G-T1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-02T	EU	R5112-60	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
TF-02T	EU	63G-T2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-03T	EU	R5112-60	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
TF-03T	EU	63G-T3	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-04T	EU	R5112-60	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
TF-04T	EU	63G-T4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						to comply with §63.119 to §63.123.			
TF-05T	EU	R5112-60	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
TF-05T	EU	63G-T5	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-06T	EU	R5112-60	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
TF-07T	EU	R5112-60	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
TF-08T	EU	R5112-60	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
TF-08T	EU	63G-T6	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-09T	EU	R5112-60	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
TF-09T	EU	63G-T7	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-10T	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of subsection (a)(1) of this paragraph for crude oil and condensate.			
TF-10T	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None
TF-10T	EU	63G-WWTANK	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(b) § 63.151(e) § 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
TF-10T	EU	63PPP-WWTK	HAP	40 CFR Part 63, Subpart PPP	§ 63.1433(a)	Process wastewater. Except as specified in paragraph (c) of this section, the owner or operator of each affected source shall comply with the HON wastewater	None	None	§ 63.1439(e)(2) [G]§ 63.1439(e)(3) § 63.1439(e)(5) [G]§ 63.1439(e)(5)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements in §§63.132 through 63.147 for each process wastewater stream originating at an affected source, with the HON leak inspection requirements in §63.148, and with the HON requirements in §63.149 for equipment that is subject to §63.149, with the differences noted in paragraphs (a)(1) through (20) of this section.			
TF-11T	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None
TF-12T	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
TF-13T	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None
TF-14T	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						condensate.			
TF-15T	EU	R5112-5	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None
TF-16T	EU	R5112-5	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None
TF-17T	EU	R5112-8	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
TF-18T	EU	R5112-60	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
TF-19T	EU	R5112-60	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
TF-20T	EU	R5112-4	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
TF-20T	EU	63G-T8	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.			
TF-22T	EU	R5112-60	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
TF-23T	EU	R5112-60	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
TF-25T	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(B)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) [G]§ 115.115(a)(5) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(E) § 115.118(a)(5) § 115.118(a)(7)	None
TF-26T	EU	R5112-22	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
TF-27T	EU	R5112-22	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
TF-30T	EU	R5112-21	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
TF-30T	EU	63G-T13	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-51T	EU	R5112-60	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
TF-51T	EU	63G-T9	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.			
TF-52T	EU	R5112-60	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
TF-52T	EU	63G-T10	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-53T	EU	R5112-60	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
TF-53T	EU	63G-T11	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-54T	EU	R5112-60	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
TF-54T	EU	63G-T12	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
TF-TKBRINE	EU	R5112-4	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
TR-07T	EU	R5112-21	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
TR-08T	EU	R5112-21	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
TR-09T	EU	R5112-21	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
TR-10T	EU	R5112-21	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
TR-11T	EU	R5112-60	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
TR-12T	EU	R5112-60	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
TR-13T	EU	R5112-60	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
TR-14T	EU	R5112-60	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
TR-15T	EU	R5112-60	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
TR-16T	EU	R5112-4	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
TR-20T	EU	R5112-60	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
TR-21T	EU	R5112-6	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
TR-21T	EU	63PPP-G1T	HAP	40 CFR Part 63, Subpart PPP	§ 63.1432(a) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.120(e)(4)	For each storage vessel located at an affected source, the owner or operator shall comply with the HON storage vessel requirements of §§63.119 through 63.123 and the HON leak inspection provisions in §63.148, with the differences noted in paragraphs (b) through (p) of this section, for the purposes of this subpart.	§ 63.120(e)(1) § 63.120(e)(5)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.1439(a) § 63.1439(b)(1) [G]§ 63.1439(b)(1)(i)	[G]§ 63.120(e)(2) § 63.120(e)(3) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.1439(b)(1)(ii) [G]§ 63.1439(e)(5) [G]§ 63.1439(e)(6)
TR-24T	EU	R5112-7	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TR-25T	EU	R5112-7	VOC	30 TAC Chapter 115, Storage of	§ 115.112(e)(1) § 115.112(e)(3)	No person shall place, store, or hold VOC in any storage	§ 115.115(a) § 115.115(a)(6)	§ 115.118(a)(4) § 115.118(a)(4)(F)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs	§ 115.112(e)(3)(C) § 60.18	tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	
TR-57T	EU	R5112-7	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
TR-66T	EU	R5112-21	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)
TR-67T	EU	R5112-21	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
TR-68T	EU	R5112-60	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
TR-69T	EU	R5112-60	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

Additional Monitoring Requirements

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CAM Summary

Unit/Group/Process Information	
ID No.: TF-09CV	
Control Device ID No.: TF-09C	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-5
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: Except when the Step 1 Unit is down and not venting to the THF flare, a lack of a pilot flame shall be reported as a deviation or failure to record status of the pilot flame at least once every 15 mins shall be reported as a deviation.	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

CAM Summary

Unit/Group/Process Information	
ID No.: TR-01CV	
Control Device ID No.: TR-01C	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-4
Pollutant: VOC	Main Standard: § 115.121(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: Except for periods when the PTMEG unit is down and not venting to the PTMEG flare, a lack of a pilot flame shall be reported as a deviation or failure to record status of the pilot flame at least once every 15 mins shall be reported as a deviation.	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

Periodic Monitoring Summary

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

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-10T	
Control Device ID No.: N.A.	Control Device Type: N.A.
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: N.A.	
Averaging Period: N.A.	
Deviation Limit: Failure to keep a record of tank construction specifications that show construction requirements are met shall be considered and reported as a deviation.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-10T	
Control Device ID No.: TF-28C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When tank is in VOC service, a liquid flow rate below 1.0 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 1.0 gal/min at all times during the operation of the tank in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-10T	
Control Device ID No.: TF-28C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-2
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-11T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When tank is in VOC service, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of the tank in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-11T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-12T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When tank is in VOC service, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of the tank in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-12T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-13T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When tank is in VOC service, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of the tank in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-13T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-14T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When tank is in VOC service, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of the tank in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-14T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-15T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-5
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When tank is in VOC service, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of the tank in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-15T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-5
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-16T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-5
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When tank is in VOC service, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of the tank in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-16T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-5
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-25T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When the tank is in VOC service, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of tank is in VOC service. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-25T	
Control Device ID No.: TF-27C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-3
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.: TF-BDOP	
Control Device ID No.: TF-25C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-8
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Liquid flow rate	
Minimum Frequency: 15 minutes	
Averaging Period: 15 minutes	
Deviation Limit: When unit is operating, a liquid flow rate below 0.5 gal/min measured as a 15 minute average shall be considered and recorded as a deviation.	
Periodic Monitoring Text: The flow rate of the scrubbing solution to the inlet of the scrubber shall be maintained at no less than 0.5 gal/min at all times during the operation of the BDO Refining Vent. Compliance will be based on a 15 minute average flow rate. The flow rate shall be monitored at least once every 15 minutes and the 15 minute average flow rate shall be recorded. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. Quality assured (or valid) data must be generated when the scrubber is operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the below scrubbers operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TF-BDOP	
Control Device ID No.: TF-25C	Control Device Type: Absorber (Direct Absorption)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-8
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Once per year	
Averaging Period: N.A.	
Deviation Limit: Visual inspections not conducted; or defects discovered and not repaired, shall be considered and recorded as 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.	

Permit Shield

Permit Shield 120

Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TF-01P1	N/A	40 CFR Part 60, Subpart NNN	The unit does not meet any of the following criteria: construction, modification, or reconstruction of unit commenced after December 30, 1983.
TF-01P2	N/A	40 CFR Part 60, Subpart NNN	The unit does not meet any of the following criteria: construction, modification, or reconstruction of unit commenced after December 30, 1983.
TF-01P4	N/A	40 CFR Part 60, Subpart NNN	The unit does not meet any of the following criteria: construction, modification, or reconstruction of unit commenced after December 30, 1983.
TF-02P1	N/A	40 CFR Part 60, Subpart NNN	The unit does not meet any of the following criteria: construction, modification, or reconstruction of unit commenced after December 30, 1983.
TF-02P5	N/A	40 CFR Part 60, Subpart NNN	Construction and any modifications or reconstructions all commenced prior to December 30, 1983.
TF-04P1	N/A	40 CFR Part 60, Subpart NNN	Construction and any modifications or reconstructions all commenced prior to December 30, 1983.
TF-04P3	N/A	40 CFR Part 60, Subpart NNN	Construction and any modifications or

Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			reconstructions all commenced prior to December 30,1983.
TF-04P4	N/A	40 CFR Part 60, Subpart NNN	Construction and any modifications or reconstructions all commenced prior to December 30, 1983.
TR-03P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-04P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-05P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-06P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-07P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-07P	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any of the chemicals listed in 60.707.
TR-08P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-09P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.

Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TR-15P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-16P	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-PF1805	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-TR1306	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TR-VS1405	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any of the chemicals listed in 60.667.
TF-02P4	N/A	40 CFR Part 60, Subpart NNN	Construction and any modifications or reconstructions all commenced prior to December 30,1983.
TF-08CV	N/A	40 CFR Part 63, Subpart F	Vent does not meet the definition of a process vent as defined by 40 CFR 63.107 Subpart F. The vent does not emit HAPs or does not originate from a reactor or distillation unit.
TF-BDOP	N/A	40 CFR Part 63, Subpart F	Vent does not meet the definition of a process vent as defined by 40 CFR 63.107 Subpart F. The vent does not emit HAP's.
TR-03T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source

Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			since vessel capacity is smaller than 38 cubic meters.
TR-04T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-06T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-38T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-40T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-41T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-42T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-43T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38

Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			cubic meters.
TF-09C	N/A	40 CFR Part 60, Subpart A	Flare is not used to control a source subject to 40 CFR Part 60 or 61.
TF-29	N/A	40 CFR Part 63, Subpart Q	Cooling tower has not operated with chromium-based water treatment chemicals on or after September 8, 1994.
TF-01L	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities. Applicable to 40 CFR 63 Subparts H & G.
TF-02L	N/A	40 CFR Part 63, Subpart F	Loading racks, loading arms, or loading hoses that only transfer liquids containing organic hazardous air pollutants as impurities. Applicable to 40 CFR 63 Subparts H & G.
TF-03L	N/A	40 CFR Part 63, Subpart F	Transfer rack loads material with HAP as impurity only.
TF-04L	N/A	40 CFR Part 63, Subpart F	Transfer rack loads material with HAP as impurity only.
TF-05L	N/A	40 CFR Part 63, Subpart F	Transfer rack loads material with HAP as impurity only.

Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TF-06L	N/A	40 CFR Part 63, Subpart F	Transfer rack loads material with HAP as impurity only.
TF-07L	N/A	40 CFR Part 63, Subpart F	Transfer rack loads material with HAP as impurity only.
TR-35F1	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Process unit is not a SOCMI manufacturing process.
TR-35F1	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce any of the chemicals listed in 60.489.
TR-35F5	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Process covered by the unit is not a petroleum refinery; a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or a natural gas/gasoline processing operation.
TR-35F5	N/A	40 CFR Part 60, Subpart VVa	Process does not produce any of the chemicals listed in 60.489.
TF-01W	N/A	30 TAC Chapter 115, Industrial Wastewater	Does not meet the definition of an affected VOC wastewater stream per 115.140(2).
TF-02P3	N/A	30 TAC Chapter 115, Vent Gas Controls	Vent gas stream contains only hydrogen and methane. As such, unit does not emit any volatile organic compounds (VOC's).

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TF-02P3	N/A	40 CFR Part 63, Subpart F	Vent does not meet the definition of a process vent as defined by 40 CFR 63.107 Subpart F. The vent does not emit HAPs or does not originate from a reactor or distillation unit.
TR-01Z	N/A	40 CFR Part 63, Subpart Q	No Chromium based water treatment chemical used.
TR-05T	N/A	30 TAC Chapter 115, Vent Gas Controls	Process unit is a storage tank and not a process tank subject to Vent Gas Control requirements.
TR-05T	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
TR-22T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-23T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel is a process tank. Per 60.111b , a process tank unit does not meet the definition of a storage vessel covered by 60.110b(a).
TR-28T	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons.
TR-28T	N/A	40 CFR Part 60, Subpart Kb	Built 8/7/95; Volume < 75 m3.
TR-28T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			since vessel capacity is smaller than 38 cubic meters.
TR-29T	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons.
TR-29T	N/A	40 CFR Part 60, Subpart Kb	Built 8/7/95; Volume < 75 m3.
TR-29T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-30T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-32T	N/A	30 TAC Chapter 115, Storage of VOCs	Unit is not a storage tank in which volatile organic compounds are placed, stored, or held.
TR-32T	N/A	40 CFR Part 60, Subpart Kb	Built 8/7/95; does not contain a VOL.
TR-35F3	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Process covered by the unit is not a petroleum refinery; a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or a natural gas/gasoline processing operation.
TR-35F3	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce any of the chemicals listed in 60.489.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TR-35F4	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Process covered by the unit is not a petroleum refinery; a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or a natural gas/gasoline processing operation.
TR-35F4	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce chemicals listed in 60.489.
TR-50T	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
TR-51T	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
TR-59T	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters.
TF-01P5	N/A	40 CFR Part 60, Subpart RRR	The unit does not meet any of the following criteria: construction, modification, or reconstruction of unit commenced after June 29, 1990.
TF-02P	N/A	40 CFR Part 60, Subpart RRR	The unit does not meet any of the following criteria: construction, modification, or reconstruction of unit commenced after June 29, 1990.

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TF-02P3	N/A	40 CFR Part 60, Subpart RRR	The unit does not meet any of the following criteria: construction, modification, or reconstruction of unit commenced after June 29, 1990.
TF-04P	N/A	40 CFR Part 60, Subpart RRR	Construction and any modifications or reconstructions all commenced prior to June 29, 1990.
TR-01P	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any of the chemicals listed in 60.707.
TR-RA0703	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any of the chemicals listed in 60.707.
TF-01T	N/A	40 CFR Part 60, Subpart Kb	Unit was constructed prior to July 23, 1984 and has not been reconstructed or modified since then.
TF-02T	N/A	40 CFR Part 60, Subpart K	Storage vessel does not store petroleum liquids.
TF-03T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-04T	N/A	40 CFR Part 60, Subpart K	Vessel does not store petroleum liquids.
TF-05T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			prior to June 11, 1973.
TF-06T	N/A	40 CFR Part 60, Subpart K	Storage vessel does not store petroleum liquids.
TF-07T	N/A	40 CFR Part 60, Subpart Kb	Construction of unit and any modifications or reconstructions all commenced prior to July 23, 1984. Unit does not store a volatile organic liquid (VOL).
TF-07T	N/A	40 CFR Part 63, Subpart F	Storage vessels store organic liquids that contain organic hazardous air pollutants only as impurities.
TF-07T	N/A	40 CFR Part 63, Subpart PPP	Material contained in the storage vessel contains no organic HAP.
TF-08T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-09T	N/A	40 CFR Part 60, Subpart K	Vessel does not store petroleum liquids.
TF-10T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is less than 19,812 gallons.
TF-11T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TF-11T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-12T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-12T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-13T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-13T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-14T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-14T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-15T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-15T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-16T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-16T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-17T	N/A	40 CFR Part 60, Subpart K	Vessel does not store petroleum liquids.
TF-17T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-18T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			or reconstruction of the unit occurred prior to June 11, 1973.
TF-18T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-19T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-19T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-20T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-22T	N/A	40 CFR Part 60, Subpart K	Vessel does not store petroleum liquids.
TF-22T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-23T	N/A	40 CFR Part 60, Subpart K	Vessel does not store petroleum liquids.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TF-23T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-25T	N/A	40 CFR Part 60, Subpart K	Construction of unit and any modification or reconstruction of the unit occurred prior to June 11, 1973.
TF-25T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-26T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.
TF-26T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-27T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TF-27T	N/A	40 CFR Part 63, Subpart F	Vessel does not store HAPs or stores HAPs only as impurities and therefore does not meet the definition of storage vessel as defined by 40 CFR 63 Subpart F.
TF-30T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.
TF-52T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is greater than or equal to 40,000 gallons and maximum true vapor pressure of liquid stored in the vessel is less than 0.5 psi.
TF-54T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is greater than or equal to 40,000 gallons and maximum true vapor pressure of liquid stored in the vessel is less than 0.5 psi.
TF-TKBRINE	N/A	40 CFR Part 60, Subpart Kb	Storage capacity of tank is less than 75 cubic meters.
TR-05T	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity of unit less than 1,000 gallons.
TR-05T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters per.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TR-07T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.
TR-07T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-08T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.
TR-08T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-09T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor pressure of liquid stored is less than 2.2 psi.
TR-09T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-10T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity is between 19,812 and 39,900 gallons and maximum true vapor

Permit Shield

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			pressure of liquid stored is less than 2.2 psi.
TR-10T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-11T	N/A	40 CFR Part 60, Subpart Kb	True vapor pressure < 0.51 (3.5 kPa)
TR-11T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-12T	N/A	40 CFR Part 60, Subpart Kb	True vapor pressure < 0.51 (3.5 kPa)
TR-12T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-13T	N/A	40 CFR Part 60, Subpart Kb	True vapor pressure < 0.51 (3.5 kPa)
TR-13T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-14T	N/A	40 CFR Part 60, Subpart Kb	True vapor pressure < 0.51 (3.5 kPa)
TR-14T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TR-15T	N/A	40 CFR Part 60, Subpart Kb	True vapor pressure < 0.51 (3.5 kPa)
TR-15T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-16T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity of tank is less than 19,812 gallons.
TR-20T	N/A	40 CFR Part 60, Subpart Kb	True vapor pressure < 0.51 (3.5 kPa)
TR-20T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-21T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel subject to MACT PPP.
TR-24T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity of unit is less than 19,812 gallons.
TR-24T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel contains no organic HAP, or organic HAP as impurities only.
TR-25T	N/A	40 CFR Part 60, Subpart Kb	Built 8/7/95; Volume < 75 m3.
TR-25T	N/A	40 CFR Part 63, Subpart PPP	Per definition of a storage vessel in 63.1423, unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.

Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TR-39T	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity of unit is less than 1,000 gallons.
TR-39T	N/A	40 CFR Part 60, Subpart Kb	Storage capacity of unit is less than 19,812 gallons.
TR-39T	N/A	40 CFR Part 63, Subpart PPP	Unit does not qualify as an affected source since vessel capacity is smaller than 38 cubic meters.
TR-57T	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters.
TR-66T	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is between 75 and 151 cubic meters and vapor pressure is less than 15 kPa.
TR-67T	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is between 75 and 151 cubic meters and vapor pressure is less than 15 kPa.
TR-68T	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 cubic meters and vapor pressure is less than 3.5 kPa.
TR-69T	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 cubic meters and vapor pressure is less than 3.5 kPa.

New Source Review Authorization References

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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.

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.: 28315	Issuance Date: 03/04/2013
Authorization No.: 2925	Issuance Date: 07/25/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
ENG-1	MISCELLANEOUS ENGINE NO. 1	106.512/06/13/2001
TF-01L	RAIL CAR LOADING	2925
TF-01P1	NORTH RECYCLE COLUMN	2925
TF-01P2	METHANOL COLUMN	2925
TF-01P4	S1 DEGASSER	2925
TF-01P5	OUTLET SCRUBBER	2925
TF-01T	A CRUDE BYD TANK	2925
TF-01W	WASTEWATER	2925
TF-02L	RAIL CAR LOADING	2925
TF-02P1	TOPPING COLUMN VENT	2925
TF-02P3	A REACTOR	2925
TF-02P3B	B REACTOR	2925
TF-02P3V	STEP 2 GAS LOOP VENT	106.261/11/01/2003, 106.262/11/01/2003
TF-02P4	CONCENTRATOR COLUMN VENT	2925
TF-02P5	BUTANOL COLUMN VENT	2925
TF-02P	STEP II DEGASSER VENT	2925
TF-02T	D REFINED BYD TANK	2925
TF-03L	RAIL CAR LOADING	2925

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TF-03P	STEP III REACTOR	2925
TF-03T	B CRUDE BYD TANK	2925
TF-04L	RAIL CAR LOADING	2925
TF-04P1	HIGH BOILER COLUMN	2925
TF-04P2	PURGE COLUMN VENT	2925
TF-04P3	PRESSURE DRYER COLUMN	2925
TF-04P4	AZEO COLUMN VENT	2925
TF-04P	STEP IV HYDROGENATOR VENT	2925
TF-04T	E REFINED BYD	2925
TF-05L	TANK TRUCK LOADING	2925
TF-05T	C REFINED BYD TANK	2925
TF-06L	TANK TRUCK LOADING	2925
TF-06T	F CONCENTRATED BDO TANK	2925
TF-07L	24-HOUR TANK TRUCK LOADING	2925
TF-07T	A CRUDE BDO TANK	2925
TF-08CV	S3 REACTOR & REFINING TRAIN VENT	2925
TF-08T	EAST CATALYST HOLD TANK	2925
TF-09C	STEP I FLARE	2925

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TF-09CV	COMBINED STEP I FLARE HEADER	2925
TF-09T	WEST CATALYST HOLD TANK	2925
TF-10T	24-HOUR TANK	2925
TF-11T	A CRUDE THF TANK	2925
TF-12T	A REFINED THF TANK (DAY TANK)	2925
TF-13T	B REFINED THF TANK (DAY TANK)	2925
TF-14T	D REFINED THF TANK (DAY TANK)	2925
TF-15T	A SHIPPING THF TANK	2925
TF-16T	B SHIPPING THF TANK	2925
TF-17T	C SHIPPING THF TANK	2925
TF-18T	B REFINED BDO TANK	2925
TF-19T	C REFINED BDO TANK	2925
TF-20T	WEAK LIQUOR TANK	2925
TF-21T	TAILS MIX TANK	2925, 106.264/09/04/2000
TF-22T	D REFINED BDO TANK	2925
TF-23T	E DESALTED BDO TANK	2925
TF-25T	B CRUDE THF TANK	2925
TF-26	FUGITIVES	2925, 106.261/11/01/2003,

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
		106.262/11/01/2003
TF-26T	A COMONOMER TANK	2925
TF-27T	B COMONOMER TANK	2925
TF-27	WASTEWATER PONDS	2925, 106.261/11/01/2003, 106.262/11/01/2003
TF-29	THF COOLING TOWER	2925
TF-2L	BYD/BDO LOADING RACK	2925
TF-30L	BUTANOL LOADING	2925
TF-30T	BUTANOL TANK	2925
TF-51T	1 THF INTERMEDIATES TANK	2925
TF-52T	2 THF INTERMEDIATES TANK	2925
TF-53T	3 THF INTERMEDIATES TANK	2925
TF-54T	4 THF INTERMEDIATES TANK	2925
TF-BDOP	BDO REFINING VENT	2925, 106.261/11/01/2003, 106.262/11/01/2003, 106.472/09/04/2000
TF-TKBRINE	ETHYLENE GLYCOL TANK	2925
TK-CAUSTIC	CAUSTIC STORAGE TANK	2925, 106.264/09/04/2000
TR-01C	PTMEG FLARE	28315

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TR-01CV	PTMEG FLARE HEADER	28315
TR-01L	TANK TRUCK PRODUCT LOADING #59	28315
TR-01P	POLY REACTOR	28315
TR-01Z	COOLING TOWER SYSTEM	28315
TR-03L	TANK/RAILCAR PRODUCT LOADING	28315
TR-03P	THF SEPARATOR	28315
TR-03T	FILTER PRE-COAT TANK	28315
TR-04P	HAC STRIPPER	28315
TR-04T	FILTER FEED TANK VENT	28315
TR-05P	THF STRIPPER	28315
TR-05T	CATALYST MAINTENANCE DRAIN TANK	28315
TR-06P	MEOH STRIPPER	28315
TR-06T	HOT OIL HOLD TANK	28315
TR-07L	RECYCLE THF TRUCK LOADING	28315
TR-07P	RXDC	28315
TR-07T	T-250 STORAGE TANK	28315
TR-08P	AZEO COLUMN	28315
TR-08T	PTMEG BLEND TANK #1	28315

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TR-09P	MEOH FLASHER	28315
TR-09T	PTMEG BLEND TANK #2	28315
TR-10P	DRYER 1ST STAGE	28315
TR-10T	PTMEG BLEND TANK #3	28315
TR-11T	PTMEG STORAGE TANK #1	28315
TR-11WW	DOHR TANK WW STREAM	28315
TR-12P	A PRESS	28315
TR-12T	PTMEG STORAGE TANK #2	28315
TR-13P	B PRESS	28315
TR-13T	PTMEG STORAGE TANK #3	28315
TR-14T	PTMEG STORAGE TANK #4	28315
TR-15P	DEGAS/VAC SYSTEM	28315
TR-15T	PTMEG STORAGE TANK #5	28315
TR-16P	EVP VAC SYSTEM	28315
TR-16T	BRINE DEINVENTORY TANK	28315
TR-17P	C-PRESS	28315
TR-18P	DRYER 2ND STAGE	28315
TR-20T	ACAN TANK	28315

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TR-21L	ACAN & MEAC/MEOH RAIL UNLOADING	28315
TR-21T	CO-PRODUCT STORAGE TANK	28315
TR-22T	RECYCLED THF TANK	28315
TR-23T	RECYCLED MEOH TANK	28315
TR-24T	PTMEA HOLD TANK	28315
TR-25T	NAOME TANK	28315
TR-27T	PURGE COLLECTION TANK	28315
TR-28T	THF MAINTENANCE DRAIN TANK	28315
TR-29T	MEOH MAINTENANCE DRAIN	28315
TR-30T	METHANOL RECOVERY RECEIVER	28315
TR-32T	MGSO4/H2O STORAGE TANK	28315
TR-35F1	POLYMERIZATION AREA FUGITIVES	28315
TR-35F2	METHANOLYSIS AREA FUGITIVES	28315
TR-35F3	CATALYST REMOVAL AREA FUGITIVES	28315
TR-35F4	NARROWING AREA FUGITIVES	28315
TR-35F5	MDP AREA FUGITIVES	28315
TR-38T	RING PUMP H2O PURGE TANK	28315
TR-39T	BHT FEED TANK	28315

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TR-40T	SPD HOT OIL EXPANSION TANK	28315
TR-41T	SPD FEED TANK	28315
TR-42T	EVAPORATOR RING PUMP WATER PURGE POT	28315
TR-43T	PURGE RECEIVER	28315
TR-50T	EO STORAGE TANK # 1	28315
TR-51T	EO STORAGE TANK #2	28315
TR-57T	DEO PURGE STORAGE TANK	28315
TR-58T	BHT BLEND TANK	28315
TR-59T	CRUDE PRODUCT TANK	28315
TR-61T	FILTER PRECOAT TANK	28315
TR-62T	FILTER FEED TANK	28315
TR-63T	SPARKLER FILTER #1 PRODUCT TANK	28315
TR-64T	SPARKLER FILTER #2 PRODUCT TANK	28315
TR-65T	SPARKLER FILTER #3 PRODUCT TANK	28315
TR-66T	BLEND STORAGE TANK	28315
TR-67T	SMALL LOT TANK PRODUCT	28315
TR-68T	LARGE LOT TANK #1 PRODUCT	28315
TR-69T	LARGE LOT TANK #2 PRODUCT	28315

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TR-PF1805	SPD DEGASSER	28315
TR-PF1824	SPD DEGASSER VACUUM VENT	28315
TR-PF1831	SPD EVAPORATOR VACUUM VENT	28315
TR-RA0703	REACTOR	28315
TR-SPFLTR	SPARKLER FILTER VENT	28315
TR-TR1010	REACTOR AND THF FLASHERS VACUUM VENT	28315
TR-TR1306	RECYCLE THF COLUMN VENT	28315
TR-VS1405	THF STRIPPER VENT	28315

Appendix A

Acronym List 152

Acronym List

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

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
COMS ..... continuous opacity monitoring system
CVS ..... closed-vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
DR ..... Designated Representative
ElP ..... El Paso (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
GF ..... grandfathered
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MMBtu/hr ..... Million British thermal units per hour
MRRT ..... monitoring, recordkeeping, reporting, and testing
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PM ..... particulate matter
ppmv ..... parts per million by volume
PSD ..... prevention of significant deterioration
RO ..... Responsible Official
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound