

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
ARLANXEO USA LLC

AUTHORIZING THE OPERATION OF
Orange Site
Butadiene Rubber Unit
Synthetic Rubber Manufacturing

LOCATED AT
Orange County, Texas
Latitude 30° 2' 50" Longitude 93° 46' 9"
Regulated Entity Number: RN100825363

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: O2281 Issuance Date: _____

For the Commission

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General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

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

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart U, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.260, which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer’s eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is

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

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

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

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
 - (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the

applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

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

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

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions 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 source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
 - (4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- D. 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)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(a)(1).
- 5. 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.
- 6. For elastomer product process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.501(b), the permit holder shall comply with the requirements of 40 CFR § 63.105(b) - (e) (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.260 incorporated by reference).
- 7. For the elastomer product process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart U, the permit holder shall comply with the requirements of 40 CFR §63.132(a), (a)(1), (a)(1)(i), and (a)(3) as specified in §63.501(a), (a)(6), (a)(7), (a)(8), (a)(9), (a)(10), (a)(11), (a)(14), and (a)(15) (Title 30 TAC Chapter 113, Subchapter C, §113.260 incorporated by reference).
- 8. For the elastomer product process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart U, the permit holder shall

comply with the requirements of 40 CFR § 63.132(a), (a)(1), (a)(1)(i), and (a)(3) as specified in § 63.501(a) (Title 30 TAC Chapter 113, Subchapter C, § 113.260 incorporated by reference).

9. 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

10. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
 - E. The permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
 - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or

- (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
 - F. The permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:
 - (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
 - (ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.
 - G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
11. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

12. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated January 15, 2025 in the application for project 37568), 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

13. 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.
14. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

15. 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.
16. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
 - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
 - (i) For sources in the Beaumont-Port Arthur Nonattainment area, 30 TAC § 117.9000
 - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.150(c) and (c)(1).
17. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)

- (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
- (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

18. Use of Discrete Emission Credits to comply with the applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 19. 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

20. 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 H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

Permit Location

21. 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)

22. 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 14

Applicable Requirements Summary 24

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
010-058	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.
010-064	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.
010-066	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.
010-071	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
010-071	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63U-010	40 CFR Part 63, Subpart U	No changing attributes.
010-072	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
010-072	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63U-010	40 CFR Part 63, Subpart U	No changing attributes.
010-114	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
010-114	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63U-007	40 CFR Part 63, Subpart U	No changing attributes.
010-117	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	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
010-117	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63U-007	40 CFR Part 63, Subpart U	No changing attributes.
010-121	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63U-007	40 CFR Part 63, Subpart U	No changing attributes.
010-161	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
010-312	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.
010-313	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.
010-316	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.
010-318	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.
010-446	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
010-446	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63U-010	40 CFR Part 63, Subpart U	No changing attributes.
010-490	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-003	30 TAC Chapter 115, Water Separation	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
011-128	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
012-021	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
101-067	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
32004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
32004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63U-008	40 CFR Part 63, Subpart U	No changing attributes.
33001	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33002-1	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33002-2	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33003	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33015-1	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33015-2	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33015-3	STORAGE TANKS/VESSELS	N/A	R5112-009	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
33015-4	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33018	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
33030	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
34001-1	STORAGE TANKS/VESSELS	N/A	R5112-052	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
34001-1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
34001-1	STORAGE TANKS/VESSELS	N/A	63U-004	40 CFR Part 63, Subpart U	No changing attributes.
34001-2	STORAGE TANKS/VESSELS	N/A	R5112-052	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
34001-2	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
34001-2	STORAGE TANKS/VESSELS	N/A	63U-004	40 CFR Part 63, Subpart U	No changing attributes.
34003	STORAGE TANKS/VESSELS	N/A	R5112-010	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
34004-1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-10	30 TAC Chapter 115, Water Separation	No changing attributes.
34004-2	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-10	30 TAC Chapter 115, Water Separation	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
34005-1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-10	30 TAC Chapter 115, Water Separation	No changing attributes.
34005-2	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-10	30 TAC Chapter 115, Water Separation	No changing attributes.
35011-2	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35012	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35013	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35014-1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
35014-2	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
35020	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35022	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35030-1	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35031-1	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35031-2	STORAGE TANKS/VESSELS	N/A	R5112-005	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
35032-1	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35032-2	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35033	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-23	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
35037	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
35038	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
35043-1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
35043-2	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
35053	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-006	30 TAC Chapter 115, Water Separation	No changing attributes.
35078	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
35081	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35082	STORAGE TANKS/VESSELS	N/A	R5112-009	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
35083-1	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35083-2	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
35092	STORAGE TANKS/VESSELS	N/A	R5112-009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48043-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
48043-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
600-400	FUGITIVE EMISSION UNITS	N/A	63U-HEX1	40 CFR Part 63, Subpart U	No changing attributes.
700-002	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-005	STORAGE TANKS/VESSELS	N/A	R5112-052	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-005	STORAGE TANKS/VESSELS	N/A	63U-005	40 CFR Part 63, Subpart U	No changing attributes.
700-006	STORAGE TANKS/VESSELS	N/A	R5112-052	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-006	STORAGE TANKS/VESSELS	N/A	63U-005	40 CFR Part 63, Subpart U	No changing attributes.
700-007	STORAGE TANKS/VESSELS	N/A	R5112-001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-017	STORAGE TANKS/VESSELS	N/A	R5112-022	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-017	STORAGE TANKS/VESSELS	N/A	63U-005	40 CFR Part 63, Subpart U	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
700-017-LO	LOADING/UNLOADING OPERATIONS	N/A	R5211-019	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
700-019	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-020	STORAGE TANKS/VESSELS	N/A	R5112-022	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-020	STORAGE TANKS/VESSELS	N/A	63U-006	40 CFR Part 63, Subpart U	No changing attributes.
700-021	STORAGE TANKS/VESSELS	N/A	R5112-022	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-021	STORAGE TANKS/VESSELS	N/A	63U-005	40 CFR Part 63, Subpart U	No changing attributes.
700-022	STORAGE TANKS/VESSELS	N/A	R5112-022	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-022	STORAGE TANKS/VESSELS	N/A	63U-005	40 CFR Part 63, Subpart U	No changing attributes.
700-203	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-212	STORAGE TANKS/VESSELS	N/A	R5112-001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-216	STORAGE TANKS/VESSELS	N/A	R5112-001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-220	STORAGE TANKS/VESSELS	N/A	R5112-001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-250	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
700-251	STORAGE TANKS/VESSELS	N/A	R5112-005	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
A-DRYER #1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
A-DRYER #2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
BRFUG-3	FUGITIVE EMISSION UNITS	N/A	63U-FUG1	40 CFR Part 63, Subpart U	No changing attributes.
C-DRYER #1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
C-DRYER #2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
C-SCRN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EQ-18	FUGITIVE EMISSION UNITS	N/A	63U-017	40 CFR Part 63, Subpart U	No changing attributes.
G-STACK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-28	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
PRO-COBR	CHEMICAL MANUFACTURING PROCESS	N/A	63U-13	40 CFR Part 63, Subpart U	Back-end Processes = The EPPU includes back-end processes as defined in 40 CFR § 63.482.
PRO-COBR	CHEMICAL MANUFACTURING PROCESS	N/A	63U-14	40 CFR Part 63, Subpart U	Back-end Processes = The EPPU does not include back- end processes as defined in 40 CFR § 63.482.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRO-LIBR	CHEMICAL MANUFACTURING PROCESS	N/A	63U-13	40 CFR Part 63, Subpart U	Back-end Processes = The EPPU includes back-end processes as defined in 40 CFR § 63.482.
PRO-LIBR	CHEMICAL MANUFACTURING PROCESS	N/A	63U-15	40 CFR Part 63, Subpart U	Back-end Processes = The EPPU does not include back-end processes as defined in 40 CFR § 63.482.
SOLV-LOAD	LOADING/UNLOADING OPERATIONS	N/A	R5211-019	30 TAC Chapter 115, Loading and Unloading of VOC	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)
010-058	EU	R5131-003	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
010-064	EU	R5131-003	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
010-066	EU	R5131-003	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
010-071	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) [G]§ 115.122(a)(4)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
010-071	PRO	63U-010	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.485(a) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.481(m) § 63.504(c)	For each continuous front-end process vent located at an affected source, the owner or operator shall comply with §§63.113-	§ 63.11(b)(4) § 63.11(b)(6) § 63.11(b)(7)(i) § 63.11(b)(7)(iii) § 63.11(b)(8)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(5) § 63.117(e) § 63.117(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.506(e)(1)	63.118, except as provided for in § 63.485(b)-(v).	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(a) § 63.116(a) § 63.485(k) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3)		§ 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.485(l) [G]§ 63.506(i)
010-072	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) [G]§ 115.122(a)(4)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
010-072	PRO	63U-010	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.485(a) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.481(m) § 63.504(c) § 63.506(e)(1)	For each continuous front-end process vent located at an affected source, the owner or operator shall comply with §§63.113-63.118, except as provided for in § 63.485(b)-(v).	§ 63.11(b)(4) § 63.11(b)(6) § 63.11(b)(7)(i) § 63.11(b)(7)(iii) § 63.11(b)(8) § 63.114(a) § 63.114(a)(2) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(a) § 63.116(a) § 63.485(k) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(5) § 63.117(e) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.485(l) [G]§ 63.506(i)
010-114	EU	R5131-006	VOC	30 TAC Chapter 115, Water	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be	[G]§ 115.135(a) § 115.136(a)(2)	§ 115.136(a)(2) § 115.136(a)(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Separation		equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	§ 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(4)	
010-114	PRO	63U-007	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.485(a) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.481(m) § 63.504(c) § 63.506(e)(1)	For each continuous front-end process vent located at an affected source, the owner or operator shall comply with §§63.113-63.118, except as provided for in § 63.485(b)-(v).	§ 63.11(b)(4) § 63.11(b)(6) § 63.11(b)(7)(i) § 63.11(b)(7)(iii) § 63.11(b)(8) § 63.114(a) § 63.114(a)(2) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(a) § 63.116(a) § 63.485(k) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(5) § 63.117(e) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.485(l) [G]§ 63.506(i)
010-117	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) [G]§ 115.122(a)(4)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
010-117	PRO	63U-007	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.485(a) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.481(m) § 63.504(c) § 63.506(e)(1)	For each continuous front-end process vent located at an affected source, the owner or operator shall comply with §§63.113-63.118, except as provided for in § 63.485(b)-(v).	§ 63.11(b)(4) § 63.11(b)(6) § 63.11(b)(7)(i) § 63.11(b)(7)(iii) § 63.11(b)(8) § 63.114(a) § 63.114(a)(2) § 63.114(d)(2)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(5) § 63.117(e) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.114(e) [G]§ 63.115(a) § 63.116(a) § 63.485(k) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3)		§ 63.118(f)(4) § 63.118(f)(5) [G]§ 63.485(l) [G]§ 63.506(i)
010-121	PRO	63U-007	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.485(a) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.481(m) § 63.504(c) § 63.506(e)(1)	For each continuous front-end process vent located at an affected source, the owner or operator shall comply with §§63.113-63.118, except as provided for in § 63.485(b)(-v).	§ 63.11(b)(4) § 63.11(b)(6) § 63.11(b)(7)(i) § 63.11(b)(7)(iii) § 63.11(b)(8) § 63.114(a) § 63.114(a)(2) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(a) § 63.116(a) § 63.485(k) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.485(l) [G]§ 63.506(i)
010-161	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
010-312	EU	R5131-003	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
010-313	EU	R5131-	VOC	30 TAC Chapter	§ 115.132(a)(1)	VOC water separators must	[G]§ 115.135(a)	§ 115.136(a)(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)
		003		115, Water Separation		have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	§ 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(4)	
010-316	EU	R5131-003	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
010-318	EU	R5131-003	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
010-446	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) [G]§ 115.122(a)(4)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
010-446	PRO	63U-010	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.485(a) [G]§ 63.113(a)(1) § 63.113(h) [G]§ 63.481(m) § 63.504(c) § 63.506(e)(1)	For each continuous front-end process vent located at an affected source, the owner or operator shall comply with §§63.113-63.118, except as provided	§ 63.11(b)(4) § 63.11(b)(6) § 63.11(b)(7)(i) § 63.11(b)(7)(iii) § 63.11(b)(8) § 63.114(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(5) § 63.117(e) § 63.117(f) § 63.118(f)(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)
						for in § 63.485(b)(-v).	§ 63.114(a)(2) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(a) § 63.116(a) § 63.485(k) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3)		§ 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.485(l) [G]§ 63.506(i)
010-490	EU	R5131-003	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
011-128	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B) § 115.126(4)	None
012-021	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(B) § 115.126(4)	None
101-067	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(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)
32004	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) [G]§ 115.122(a)(4)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
32004	PRO	63U-008	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.485(a) § 63.113(e) [G]§ 63.481(m) § 63.484(b) § 63.484(e) § 63.484(r) § 63.506(e) § 63.506(e)(1) § 63.506(e)(1)(i) § 63.506(e)(1)(ii)	For each continuous front-end process vent located at an affected source, the owner or operator shall comply with §§63.113-63.118, except as provided for in § 63.485(b)(-v).	[G]§ 63.115(a) § 63.115(d) § 63.115(d)(1) § 63.115(d)(1)(i) [G]§ 63.115(d)(1)(iii) [G]§ 63.115(d)(3) [G]§ 63.115(e)	§ 63.117(b) [G]§ 63.118(c)	§ 63.115(e)(2) § 63.117(b) [G]§ 63.118(g) [G]§ 63.118(h) [G]§ 63.485(l) § 63.506(e)(1)(iii) [G]§ 63.506(i)
33001	EU	R5112-009	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
33002-1	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
33002-2	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of	§ 115.112(a)(1)	Tanks shall not store VOC unless the required	[G]§ 115.117 ** See Periodic	§ 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)
				VOCs		pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	Monitoring Summary		
33003	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
33015-1	EU	R5112-009	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
33015-2	EU	R5112-009	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
33015-3	EU	R5112-009	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
33015-4	EU	R5112-009	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
33018	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
33030	EU	R5112-009	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
34001-1	EU	R5112-052	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(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
34001-1	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
34001-1	EU	63U-004	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.484(a) § 63.119(a) § 63.119(a)(2) § 63.119(a)(6) § 63.119(a)(6)(i)	For storage vessels at a source, comply with requirements of §63.119 through §63.123 and §63.148, except as noted in	§ 63.120(e) § 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)	§ 63.119(a)(6)(iii) § 63.123(a) § 63.123(f) [G]§ 63.123(f)(2) § 63.148(h)(2)	[G]§ 63.120(e)(2) § 63.120(e)(3) § 63.122(a) § 63.122(a)(1) § 63.122(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)
					§ 63.119(a)(6)(ii) § 63.119(a)(6)(ii)(A) § 63.119(e) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.119(e)(7) § 63.148(a) § 63.148(d) § 63.148(d)(1) § 63.148(d)(2) § 63.148(e) § 63.148(f) § 63.148(f)(3) [G]§ 63.148(f)(4) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(c) § 63.484(d) § 63.484(g) § 63.484(h) [G]§ 63.484(i) § 63.484(p) § 63.484(r) § 63.484(s) [G]§ 63.484(t) § 63.504(c) § 63.508(a)	§ 63.484(c) through (s).	§ 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) [G]§ 63.148(h) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3) § 63.504(c)(4)	§ 63.148(i) § 63.148(i)(2) § 63.148(i)(3) § 63.148(i)(3)(ii) § 63.148(i)(3)(iii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	§ 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(2) § 63.122(g) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) [G]§ 63.148(j) § 63.484(m) § 63.484(n) § 63.506(e)(6)(vii) [G]§ 63.506(i)
34001-2	EU	R5112-052	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(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
34001-2	EU	R5131-	VOC	30 TAC Chapter	§ 115.132(a)(3)	VOC water separator	[G]§ 115.135(a)	§ 115.136(a)(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)
		006		115, Water Separation	§ 115.131(a)	compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(3) § 115.136(a)(4)	
34001-2	EU	63U-004	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.484(a) § 63.119(a) § 63.119(a)(2) § 63.119(a)(6) § 63.119(a)(6)(i) § 63.119(a)(6)(ii) § 63.119(a)(6)(ii)(A) § 63.119(e) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.119(e)(7) § 63.148(a) § 63.148(d) § 63.148(d)(1) § 63.148(d)(2) § 63.148(e) § 63.148(f) § 63.148(f)(3) [G]§ 63.148(f)(4) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(c) § 63.484(d) § 63.484(g) § 63.484(h) [G]§ 63.484(i) § 63.484(p) § 63.484(r) § 63.484(s) [G]§ 63.484(t) § 63.504(c)	For storage vessels at a source, comply with requirements of §63.119 through §63.123 and §63.148, except as noted in § 63.484(c) through (s).	§ 63.120(e) § 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) [G]§ 63.148(h) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3) § 63.504(c)(4)	§ 63.119(a)(6)(iii) § 63.123(a) § 63.123(f) [G]§ 63.123(f)(2) § 63.148(h)(2) § 63.148(i) § 63.148(i)(2) § 63.148(i)(3) § 63.148(i)(3)(ii) § 63.148(i)(3)(iii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	[G]§ 63.120(e)(2) § 63.120(e)(3) § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(2) § 63.122(g) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) [G]§ 63.148(j) § 63.484(m) § 63.484(n) § 63.506(e)(6)(vii) [G]§ 63.506(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.508(a)				
34003	EU	R5112-010	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
34004-1	EU	R5131-10	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
34004-2	EU	R5131-10	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
34005-1	EU	R5131-10	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None
34005-2	EU	R5131-10	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
35011-2	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35012	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35013	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35014-1	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
35014-2	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
35020	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or	[G]§ 115.117 ** See Periodic Monitoring	§ 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)
						they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	Summary		
35022	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35030-1	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35031-1	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35031-2	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35032-1	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						appropriate control device specified in Table I(a) or Table II(a).			
35032-2	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
35033	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) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
35037	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
35038	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
35043-1	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
35043-2	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
35053	EU	R5131-006	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
35078	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) [G]§ 115.122(a)(4)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
35081	EU	R5112-009	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
35082	EU	R5112-009	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)
35083-1	EU	R5112-009	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
35083-2	EU	R5112-009	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
35092	EU	R5112-009	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
48043-1	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
48043-2	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
600-400	EU	63U-HEX1	112(B)	40 CFR Part 63,	§ 63.502(a)	The owner or operator of	None	None	§ 63.502(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart U	[G]§ 63.481(m) § 63.506(e)(1)	each affected source, shall comply with the requirements of § 63.104 for heat exchange systems, with exceptions noted in paragraphs (n)(1) through (n)(6) of § 63.502.			[G]§ 63.506(i)
700-002	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
700-005	EU	R5112-052	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(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
700-005	EU	63U-005	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.484(a) § 63.119(a) § 63.119(a)(2) § 63.119(a)(6) § 63.119(a)(6)(i) § 63.119(a)(6)(ii) § 63.119(a)(6)(ii)(A) § 63.119(e) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.119(e)(7) § 63.148(a) § 63.148(d) § 63.148(d)(1) § 63.148(d)(2)	For storage vessels at a source, comply with requirements of §63.119 through §63.123 and §63.148, except as noted in § 63.484(c) through (s).	§ 63.120(e) § 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) [G]§ 63.148(h) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3) § 63.504(c)(4)	§ 63.119(a)(6)(iii) § 63.123(a) § 63.123(f) [G]§ 63.123(f)(2) § 63.148(h)(2) § 63.148(i) § 63.148(i)(2) § 63.148(i)(3) § 63.148(i)(3)(ii) § 63.148(i)(3)(iii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	[G]§ 63.120(e)(2) § 63.120(e)(3) § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(2) § 63.122(g) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) [G]§ 63.148(j) § 63.484(m) § 63.484(n) § 63.506(e)(6)(vii) [G]§ 63.506(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.148(e) § 63.148(f) § 63.148(f)(3) [G]§ 63.148(f)(4) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(c) § 63.484(d) § 63.484(g) § 63.484(h) [G]§ 63.484(i) § 63.484(p) § 63.484(r) § 63.484(s) [G]§ 63.484(t) § 63.504(c) § 63.508(a)				
700-006	EU	R5112-052	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(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
700-006	EU	63U-005	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.484(a) § 63.119(a) § 63.119(a)(2) § 63.119(a)(6) § 63.119(a)(6)(i) § 63.119(a)(6)(ii) § 63.119(a)(6)(ii)(A) § 63.119(e) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.119(e)(7)	For storage vessels at a source, comply with requirements of §63.119 through §63.123 and §63.148, except as noted in § 63.484(c) through (s).	§ 63.120(e) § 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b) § 63.148(b)(1)(iii) [G]§ 63.148(c) § 63.148(f)(2) [G]§ 63.148(h) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3) § 63.504(c)(4)	§ 63.119(a)(6)(iii) § 63.123(a) § 63.123(f) [G]§ 63.123(f)(2) § 63.148(h)(2) § 63.148(i) § 63.148(i)(2) § 63.148(i)(3) § 63.148(i)(3)(ii) § 63.148(i)(3)(iii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	[G]§ 63.120(e)(2) § 63.120(e)(3) § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(2) § 63.122(g) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) [G]§ 63.148(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.148(a) § 63.148(d) § 63.148(d)(1) § 63.148(d)(2) § 63.148(e) § 63.148(f) § 63.148(f)(3) [G]§ 63.148(f)(4) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(c) § 63.484(d) § 63.484(g) § 63.484(h) [G]§ 63.484(i) § 63.484(p) § 63.484(r) § 63.484(s) [G]§ 63.484(t) § 63.504(c) § 63.508(a)				§ 63.484(m) § 63.484(n) § 63.506(e)(6)(vii) [G]§ 63.506(i)
700-007	EU	R5112-001	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
700-017	EU	R5112-022	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(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
700-017	EU	63U-005	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.484(a) § 63.119(a)	For storage vessels at a source, comply with	§ 63.120(e) § 63.120(e)(1)	§ 63.119(a)(6)(iii) § 63.123(a)	[G]§ 63.120(e)(2) § 63.120(e)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(a)(2) § 63.119(a)(6) § 63.119(a)(6)(i) § 63.119(a)(6)(ii) § 63.119(a)(6)(ii)(A) § 63.119(e) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.119(e)(7) § 63.148(a) § 63.148(d) § 63.148(d)(1) § 63.148(d)(2) § 63.148(e) § 63.148(f) § 63.148(f)(3) [G]§ 63.148(f)(4) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(c) § 63.484(d) § 63.484(g) § 63.484(h) [G]§ 63.484(i) § 63.484(p) § 63.484(r) § 63.484(s) [G]§ 63.484(t) § 63.504(c) § 63.508(a)	requirements of §63.119 through §63.123 and §63.148, except as noted in § 63.484(c) through (s).	§ 63.120(e)(4) § 63.120(e)(5) § 63.148(b) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) [G]§ 63.148(h) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3) § 63.504(c)(4)	§ 63.123(f) [G]§ 63.123(f)(2) § 63.148(h)(2) § 63.148(i) § 63.148(i)(2) § 63.148(i)(3) § 63.148(i)(3)(ii) § 63.148(i)(3)(iii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	§ 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(2) § 63.122(g) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) [G]§ 63.148(j) § 63.484(m) § 63.484(n) § 63.506(e)(6)(vii) [G]§ 63.506(i)
700-017-LO	EU	R5211-019	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(2)(A) § 115.212(a)(2) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) §	Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					115.214(a)(1)(D)(i)	requirements of this division, except for the specified requirements.			
700-019	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
700-020	EU	R5112-022	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(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
700-020	EU	63U-006	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.484(a) § 63.119(a) § 63.119(a)(3) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(e) § 63.484(g) § 63.484(h) § 63.484(r) [G]§ 63.484(t)	For storage vessels at a source, comply with requirements of §63.119 through §63.123 and §63.148, except as noted in § 63.484(c) through (s).	None	§ 63.123(a)	§ 63.484(p) § 63.506(e)(6)(vii) [G]§ 63.506(i)
700-021	EU	R5112-022	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(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
700-021	EU	63U-005	112(B)	40 CFR Part 63,	§ 63.484(a)	For storage vessels at a	§ 63.120(e)	§ 63.119(a)(6)(iii)	[G]§ 63.120(e)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart U	§ 63.119(a) § 63.119(a)(2) § 63.119(a)(6) § 63.119(a)(6)(i) § 63.119(a)(6)(ii) § 63.119(a)(6)(ii)(A) § 63.119(e) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.119(e)(7) § 63.148(a) § 63.148(d) § 63.148(d)(1) § 63.148(d)(2) § 63.148(e) § 63.148(f) § 63.148(f)(3) [G]§ 63.148(f)(4) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(c) § 63.484(d) § 63.484(g) § 63.484(h) [G]§ 63.484(i) § 63.484(p) § 63.484(r) § 63.484(s) [G]§ 63.484(t) § 63.504(c) § 63.508(a)	source, comply with requirements of §63.119 through §63.123 and §63.148, except as noted in § 63.484(c) through (s).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) [G]§ 63.148(h) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3) § 63.504(c)(4)	§ 63.123(a) § 63.123(f) [G]§ 63.123(f)(2) § 63.148(h)(2) § 63.148(i) § 63.148(i)(2) § 63.148(i)(3) § 63.148(i)(3)(ii) § 63.148(i)(3)(iii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	§ 63.120(e)(3) § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(2) § 63.122(g) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) [G]§ 63.148(j) § 63.484(m) § 63.484(n) § 63.506(e)(6)(vii) [G]§ 63.506(i)
700-022	EU	R5112-022	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						specified in Table I(a) or Table II(a).			
700-022	EU	63U-005	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.484(a) § 63.119(a) § 63.119(a)(2) § 63.119(a)(6) § 63.119(a)(6)(i) § 63.119(a)(6)(ii) § 63.119(a)(6)(ii)(A) § 63.119(e) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.119(e)(7) § 63.148(a) § 63.148(d) § 63.148(d)(1) § 63.148(d)(2) § 63.148(e) § 63.148(f) § 63.148(f)(3) [G]§ 63.148(f)(4) § 63.480(g) § 63.480(g)(2) [G]§ 63.481(m) § 63.484(c) § 63.484(d) § 63.484(g) § 63.484(h) [G]§ 63.484(i) § 63.484(p) § 63.484(r) § 63.484(s) [G]§ 63.484(t) § 63.504(c) § 63.508(a)	For storage vessels at a source, comply with requirements of §63.119 through §63.123 and §63.148, except as noted in § 63.484(c) through (s).	§ 63.120(e) § 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) [G]§ 63.148(h) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3) § 63.504(c)(4)	§ 63.119(a)(6)(iii) § 63.123(a) § 63.123(f) [G]§ 63.123(f)(2) § 63.148(h)(2) § 63.148(i) § 63.148(i)(2) § 63.148(i)(3) § 63.148(i)(3)(ii) § 63.148(i)(3)(iii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	[G]§ 63.120(e)(2) § 63.120(e)(3) § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(2) § 63.122(g) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) [G]§ 63.148(j) § 63.484(m) § 63.484(n) § 63.506(e)(6)(vii) [G]§ 63.506(i)
700-203	EU	R5112-	VOC	30 TAC Chapter	§ 115.112(a)(1)	Tanks shall not store VOC	[G]§ 115.117	§ 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)
		005		115, Storage of VOCs		unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	** See Periodic Monitoring Summary	§ 115.118(a)(7)	
700-212	EU	R5112-001	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
700-216	EU	R5112-001	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
700-220	EU	R5112-001	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
700-250	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
700-251	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of	§ 115.112(a)(1)	Tanks shall not store VOC unless the required	[G]§ 115.117 ** See Periodic	§ 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)
				VOCs		pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	Monitoring Summary		
A-DRYER #1	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
A-DRYER #2	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for open-ended valves and lines, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.175 [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166	The owner or operator of each affected source, shall comply with the requirements of subpart H for sampling connection system, with exceptions	[G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171 [G]§ 63.481(m) § 63.502(i) § 63.506(e)(1)	noted in paragraphs (b)-(m) of § 63.502.			[G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) [G]§ 63.481(m) § 63.504(c) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for flares, with exceptions noted in paragraphs (b)-(m) of § 63.502.	§ 63.11(b)(4) § 63.11(b)(6) § 63.11(b)(7)(i) § 63.11(b)(7)(iii) § 63.11(b)(8) § 63.172(c) § 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) § 63.180(e) [G]§ 63.502(j) § 63.504(c)(1) § 63.504(c)(2) § 63.504(c)(3)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(j)(1) § 63.172(j)(2) § 63.172(m) [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for closed vent systems, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) § 63.172(j)(1) § 63.172(j)(2) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.118(a)(3) § 63.172(j)(1) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a)	The owner or operator of each affected source, shall	[G]§ 63.174 [G]§ 63.180(b)	§ 63.181(a) [G]§ 63.181(b)	§ 63.182(a)(2) § 63.182(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)
					§ 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.174 [G]§ 63.481(m) § 63.506(e)(1)	comply with the requirements of subpart H for connectors in gas/vapor or light liquid service, with exceptions noted in paragraphs (b)-(m) of § 63.502.	§ 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.173 [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for agitators in gas/vapor or light liquid service, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.173 [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for compressors, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for pressure relief devices in gas/vapor service, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(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)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for valves in light liquid or gas/vapor service, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for instrumentation systems, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.169 [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 [G]§ 63.481(m) § 63.506(e)(1)	The owner or operator of each affected source, shall comply with the requirements of subpart H for pressure relief devices in liquid service, with exceptions noted in paragraphs (b)-(m) of § 63.502.	[G]§ 63.169 [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4) [G]§ 63.502(j)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.502(f) § 63.502(g) [G]§ 63.506(i)
BRFUG-3	EU	63U-FUG1	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for pumps in light liquid service, with exceptions noted in paragraphs (b)-(m)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) § 63.180(d)(1) [G]§ 63.180(d)(2) § 63.180(d)(3) § 63.180(d)(4)	§ 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)	§ 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(a)(6) § 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 [G]§ 63.481(m) § 63.502(d) § 63.502(d)(1) § 63.502(d)(3) § 63.506(e)(1)	of § 63.502.	[G]§ 63.502(j)	[G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9)	§ 63.502(f) § 63.502(g) [G]§ 63.506(i)
C-DRYER #1	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
C-DRYER #2	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
C-SCRN	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EQ-18	EU	63U-017	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.502(n) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) [G]§ 63.481(m) § 63.502(n)(1) § 63.502(n)(2) § 63.502(n)(3)	The owner or operator of each affected source shall comply with the requirements of §63.104, for heat exchange systems, with exceptions noted in §63.502(n)(1)-(6).	[G]§ 63.104(b)	[G]§ 63.104(e)(2) [G]§ 63.104(f)(1) § 63.502(n)(4)	[G]§ 63.104(f)(2) § 63.502(n)(5) § 63.506(e)(1)(iii) [G]§ 63.506(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.502(n)(6) § 63.506(e) § 63.506(e)(1) § 63.506(e)(1)(i) § 63.506(e)(1)(ii)				
G-STACK	EP	R5121-28	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
PRO-COBR	PRO	63U-13	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.480(f)(1)(iv) § 63.480(f) § 63.480(f)(1) § 63.480(f)(1)(i) § 63.480(f)(9) § 63.480(i) [G]§ 63.480(i)(1) [G]§ 63.480(i)(2) § 63.480(i)(3) § 63.480(i)(4) § 63.480(i)(5) § 63.480(j) § 63.480(j)(1) § 63.480(j)(2) § 63.480(j)(3) § 63.480(j)(4) [G]§ 63.480(j)(4)(i) § 63.481(a) § 63.481(f) § 63.481(g) [G]§ 63.481(m) [G]§ 63.483(a) § 63.483(b) § 63.483(b)(1) § 63.506(e)(1) § 63.506(e)(1)(i)	If the primary product of a process unit is an elastomer product, then that process unit shall be designated as an EPPU.	[G]§ 63.504(c)	[G]§ 63.506(a) § 63.506(b) § 63.506(b)(1) [G]§ 63.506(b)(1)(i)	§ 63.480(f)(8) § 63.480(f)(8)(i) § 63.480(f)(9) § 63.480(i)(6) § 63.480(j)(4)(ii) § 63.505(i) § 63.505(i)(6) § 63.506(b) § 63.506(b)(1) § 63.506(b)(1)(ii) § 63.506(b)(2) § 63.506(e) [G]§ 63.506(e)(1)(iii) § 63.506(e)(2) § 63.506(e)(5) [G]§ 63.506(e)(5)(i) § 63.506(e)(6) § 63.506(e)(6)(i) § 63.506(e)(6)(ii) § 63.506(e)(6)(iii) § 63.506(e)(6)(iii)(A) § 63.506(e)(6)(iii)(B) § 63.506(e)(6)(iii)(D)(2) [G]§ 63.506(e)(6)(iii)(D)(3) § 63.506(e)(6)(iii)(E) § 63.506(e)(6)(vi)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.506(e)(1)(ii)				[G]§ 63.506(e)(6)(xii) § 63.506(e)(7) § 63.506(e)(7)(iv) [G]§ 63.506(e)(7)(v) [G]§ 63.506(i)
PRO-COBR	PRO	63U-14	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.480(f)(1)(iv) § 63.480(f)(9) § 63.480(j) § 63.480(j)(1) § 63.480(j)(2) § 63.480(j)(3) § 63.480(j)(4) [G]§ 63.480(j)(4)(i) § 63.480(j)(4)(ii) § 63.506(e)(1)	If the primary product of a process unit is an elastomer product, then that process unit shall be designated as an EPPU.	§ 63.504(a) [G]§ 63.504(a)(1) § 63.504(a)(5) § 63.504(b) § 63.506(h)(1)(i) [G]§ 63.506(h)(1)(ii) § 63.506(h)(1)(iii) § 63.506(h)(1)(iv) [G]§ 63.506(h)(1)(v)	[G]§ 63.506(a) § 63.506(b) § 63.506(b)(1) [G]§ 63.506(b)(1)(i) § 63.506(h) § 63.506(h)(1) § 63.506(h)(1)(i) [G]§ 63.506(h)(1)(ii) § 63.506(h)(1)(iii) [G]§ 63.506(h)(1)(v) [G]§ 63.506(h)(1)(vi) § 63.506(h)(2) § 63.506(h)(2)(ii) § 63.506(h)(2)(iii)	§ 63.480(f)(8) § 63.480(f)(8)(i) § 63.480(f)(9) § 63.480(h)(6) § 63.480(j)(4)(ii) [G]§ 63.481(e) § 63.504(a)(4) § 63.506(b) § 63.506(b)(1) § 63.506(b)(1)(ii) § 63.506(e) [G]§ 63.506(e)(1)(iii) § 63.506(e)(2) [G]§ 63.506(e)(3)(ix) § 63.506(e)(5) [G]§ 63.506(e)(5)(i) § 63.506(e)(5)(ii) § 63.506(e)(5)(ii)(A) § 63.506(e)(5)(ii)(B) § 63.506(e)(5)(ii)(C) § 63.506(e)(5)(ii)(E) § 63.506(e)(5)(v) § 63.506(e)(5)(vi) § 63.506(e)(5)(viii) § 63.506(e)(5)(x) § 63.506(e)(5)(xii) § 63.506(e)(6) § 63.506(e)(6)(i) § 63.506(e)(6)(ii) § 63.506(e)(6)(iii) § 63.506(e)(6)(iii)(A) § 63.506(e)(6)(iii)(B) § 63.506(e)(6)(iii)(D)(2) [G]§ 63.506(e)(6)(iii)(D)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.506(e)(6)(iii)(E) § 63.506(e)(6)(ix) [G]§ 63.506(e)(6)(v) § 63.506(e)(6)(vi) § 63.506(e)(6)(viii) § 63.506(e)(6)(x) [G]§ 63.506(e)(6)(xii) § 63.506(e)(7) § 63.506(e)(7)(iv) [G]§ 63.506(e)(7)(v) § 63.506(e)(8) § 63.506(e)(8)(ii) § 63.506(h) § 63.506(h)(1) § 63.506(h)(2)(i) § 63.506(h)(2)(ii) [G]§ 63.506(i)
PRO-LIBR	PRO	63U-13	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.480(f)(1)(iv) § 63.480(f)(9) § 63.480(j) § 63.480(j)(1) § 63.480(j)(2) § 63.480(j)(3) § 63.480(j)(4) [G]§ 63.480(j)(4)(i) § 63.480(j)(4)(ii) § 63.506(e)(1)	If the primary product of a process unit is an elastomer product, then that process unit shall be designated as an EPPU.	§ 63.504(a) [G]§ 63.504(a)(1) § 63.504(a)(5) § 63.504(b) § 63.506(h)(1)(i) [G]§ 63.506(h)(1)(ii) § 63.506(h)(1)(iii) § 63.506(h)(1)(iv) [G]§ 63.506(h)(1)(v)	[G]§ 63.506(a) § 63.506(b) § 63.506(b)(1) [G]§ 63.506(b)(1)(i) § 63.506(h) § 63.506(h)(1) § 63.506(h)(1)(i) [G]§ 63.506(h)(1)(ii) § 63.506(h)(1)(iii) [G]§ 63.506(h)(1)(iv) [G]§ 63.506(h)(1)(v) § 63.506(h)(2) § 63.506(h)(2)(ii) § 63.506(h)(2)(iii)	§ 63.480(f)(8) § 63.480(f)(8)(i) § 63.480(f)(9) § 63.480(h)(6) § 63.480(j)(4)(ii) [G]§ 63.481(e) § 63.504(a)(4) § 63.506(b) § 63.506(b)(1)(ii) § 63.506(e) [G]§ 63.506(e)(1)(iii) § 63.506(e)(2) [G]§ 63.506(e)(3)(ix) § 63.506(e)(5) [G]§ 63.506(e)(5)(i) § 63.506(e)(5)(ii) § 63.506(e)(5)(ii)(A) § 63.506(e)(5)(ii)(B) § 63.506(e)(5)(ii)(C) § 63.506(e)(5)(ii)(E) § 63.506(e)(5)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.506(e)(5)(vi) § 63.506(e)(5)(viii) § 63.506(e)(5)(x) § 63.506(e)(5)(xii) § 63.506(e)(6) § 63.506(e)(6)(i) § 63.506(e)(6)(ii) § 63.506(e)(6)(iii) § 63.506(e)(6)(iii)(A) § 63.506(e)(6)(iii)(B) § 63.506(e)(6)(iii)(D)(2) [G]§ 63.506(e)(6)(iii)(D)(3) § 63.506(e)(6)(iii)(E) § 63.506(e)(6)(ix) [G]§ 63.506(e)(6)(v) § 63.506(e)(6)(vi) § 63.506(e)(6)(viii) § 63.506(e)(6)(x) [G]§ 63.506(e)(6)(xii) § 63.506(e)(7) § 63.506(e)(7)(iv) [G]§ 63.506(e)(7)(v) § 63.506(e)(8) § 63.506(e)(8)(ii) § 63.506(h) § 63.506(h)(1) § 63.506(h)(2)(i) § 63.506(h)(2)(ii) [G]§ 63.506(i)
PRO-LIBR	PRO	63U-15	112(B) HAPS	40 CFR Part 63, Subpart U	§ 63.480(f)(1)(iv) § 63.480(f)(9) § 63.480(j) § 63.480(j)(1) § 63.480(j)(2) § 63.480(j)(3) § 63.480(j)(4) [G]§ 63.480(j)(4)(i) § 63.480(j)(4)(ii) § 63.506(e)(1)	If the primary product of a process unit is an elastomer product, then that process unit shall be designated as an EPPU.	§ 63.504(a) [G]§ 63.504(a)(1) § 63.504(a)(5) § 63.504(b) § 63.506(h)(1)(i) [G]§ 63.506(h)(1)(ii) § 63.506(h)(1)(iii) § 63.506(h)(1)(iv) [G]§ 63.506(h)(1)(v)	[G]§ 63.506(a) § 63.506(b) § 63.506(b)(1) [G]§ 63.506(b)(1)(i) § 63.506(h) § 63.506(h)(1) § 63.506(h)(1)(i) [G]§ 63.506(h)(1)(ii) § 63.506(h)(1)(iii) [G]§ 63.506(h)(1)(v)	§ 63.480(f)(8) § 63.480(f)(8)(i) § 63.480(f)(9) § 63.480(h)(6) § 63.480(j)(4)(ii) [G]§ 63.481(e) § 63.504(a)(4) § 63.506(b) § 63.506(b)(1) § 63.506(b)(1)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								[G]§ 63.506(h)(1)(vi) § 63.506(h)(2) § 63.506(h)(2)(ii) § 63.506(h)(2)(iii)	§ 63.506(e) [G]§ 63.506(e)(1)(iii) § 63.506(e)(2) [G]§ 63.506(e)(3)(ix) § 63.506(e)(5) [G]§ 63.506(e)(5)(i) § 63.506(e)(5)(ii) § 63.506(e)(5)(ii)(A) § 63.506(e)(5)(ii)(B) § 63.506(e)(5)(ii)(C) § 63.506(e)(5)(ii)(E) § 63.506(e)(5)(v) § 63.506(e)(5)(vi) § 63.506(e)(5)(viii) § 63.506(e)(5)(x) § 63.506(e)(5)(xii) § 63.506(e)(6) § 63.506(e)(6)(i) § 63.506(e)(6)(ii) § 63.506(e)(6)(iii) § 63.506(e)(6)(iii)(A) § 63.506(e)(6)(iii)(B) § 63.506(e)(6)(iii)(D)(2) [G]§ 63.506(e)(6)(iii)(D)(3) § 63.506(e)(6)(iii)(E) § 63.506(e)(6)(ix) [G]§ 63.506(e)(6)(v) § 63.506(e)(6)(vi) § 63.506(e)(6)(viii) § 63.506(e)(6)(x) [G]§ 63.506(e)(6)(xii) § 63.506(e)(7) § 63.506(e)(7)(iv) [G]§ 63.506(e)(7)(v) § 63.506(e)(8) § 63.506(e)(8)(ii) § 63.506(h) § 63.506(h)(1) § 63.506(h)(2)(i) § 63.506(h)(2)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.506(i)
SOLV-LOAD	EU	R5211-019	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(2)(A) § 115.212(a)(2) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary 61

Periodic Monitoring Summary 65

CAM Summary

Unit/Group/Process Information	
ID No.: 010-071	
Control Device ID No.: FLARE1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-4
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: No pilot flame.	
<p>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.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 010-072	
Control Device ID No.: FLARE1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-4
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: No pilot Flame.	
<p>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.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 32004	
Control Device ID No.: FLARE1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-4
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: No pilot flame.	
<p>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.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 35078	
Control Device ID No.: FLARE1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-4
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: No pilot flame.	
<p>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.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-058	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-064	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-066	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-161	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-312	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-313	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-316	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-318	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 010-490	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-003
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the procedures of 28MID as stated in NSR 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 101-067	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 33002-1	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 33002-2	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 33003	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 33018	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 34004-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-10
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the repair procedures of 28MID when leaks are detected or failure to record Method 21 readings and visual inspections as stated in NSR permit 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 34004-2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-10
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the repair procedures of 28MID when leaks are detected or failure to record Method 21 readings and visual inspections as stated in NSR permit 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 34005-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-10
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the repair procedures of 28MID when leaks are detected or failure to record Method 21 readings and visual inspections as stated in NSR permit 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 34005-2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-10
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Leak detection as indicated by Method 21 and visual inspection.	
Minimum Frequency: Quarterly Method 21 leak detection with 28MID skip options. Weekly visual inspection.	
Averaging Period: N/A	
Deviation Limit: Failure to follow the repair procedures of 28MID when leaks are detected or failure to record Method 21 readings and visual inspections as stated in NSR permit 22508.	
<p>Periodic Monitoring Text: If an instrument reading in excess of 500 ppmv above background is observed, or if a leak is observed during visual inspections, the repair provisions of 28MID shall be followed. It shall be considered and reported as a deviation if the procedures of 28MID are not followed when an instrument reading in excess of 500 ppmv is observed or when a leak is observed during visual inspection. Per the requirements of 28MID, all closure devices on the oil-water separator shall be monitored using Method 21 of 40 CFR Part 60 Appendix A and by visual inspections.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35011-2	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35012	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35013	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35020	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35022	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35030-1	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35031-1	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35031-2	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35032-1	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 35032-2	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level or if the fill pipe is not repaired if defects are detected prior to returning the storage tank to service shall be reported as a deviation.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 700-002	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 700-019	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 700-203	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 700-250	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 700-251	
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.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Liquid level and structural integrity of the pipe.	
Minimum Frequency: Upon filling, emptying, and degassing.	
Averaging Period: N/A	
Deviation Limit: Any time the liquid level falls below the fill pipe level.	
<p>Periodic Monitoring Text: The fill pipe must be submerged at all times regardless of the location of the fill pipe. Document the depth of the fill pipe. Monitor and record the liquid level in the tank just prior to each time the tank is filled. This level shall be monitored using an automated system or any suitable backup method (sight glass or soundings, e.g.). It shall be considered and reported as a deviation each time the liquid level prior to filling the tank is below the depth of the fill pipe or each time that level is not recorded. As an alternative, a low level alarm that is calibrated/maintained according to manufacturer's specifications may be used. In lieu of liquid level records, it may be demonstrated that the low level alarm has not sounded. It shall be considered and reported as a deviation each time that an event occurs involving the low level alarm sounding. (Note: All actions between when the low level alarm first sounds and when the situation is resolved will be counted as one deviation, regardless of the number of times during the event that the alarm sounds.) In addition, each time the tank is emptied and degassed inspect the fill pipe to verify its structural integrity. Record the results of the inspection. If the structural integrity of the fill pipe is in question repairs shall be made prior to refilling the tank. If the repairs are not completed before returning the storage tank to service it shall be considered and reported as a deviation.</p>	

Permit Shield

Permit Shield 99

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
010-080	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank has a storage capacity of less than or equal to 1,000 gallons.
010-080	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
010-080	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
010-161	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
101-067	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meters.
101-067	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
33001	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
33002-1	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
33002-2	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
33003	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
33015-1	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
33015-2	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
33015-3	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities 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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
33015-4	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
33018	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
33030	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
34003	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
34004-1	N/A	40 CFR Part 63, Subpart U	Pressure vessel designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
34004-2	N/A	40 CFR Part 63, Subpart U	Pressure vessel designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
34005-1	N/A	40 CFR Part 63, Subpart U	Pressure vessel designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
34005-2	N/A	40 CFR Part 63, Subpart U	Pressure vessel designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
35011-2	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
35012	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
35013	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35014-1	N/A	40 CFR Part 63, Subpart U	Wastewater stream has an annual average concentration of organic HAP of less than 5 ppmw.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
35014-2	N/A	40 CFR Part 63, Subpart U	Wastewater stream has an annual average concentration of organic HAP of less than 5 ppmw.
35020	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35022	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35024	N/A	30 TAC Chapter 115, Storage of VOCs	Process flow through tank does not vent under normal operations.
35024	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35030-1	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
35031-1	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35031-2	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35032-1	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
35032-2	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
35033	N/A	40 CFR Part 63, Subpart U	Continuous front-end process vent contains less than 0.005 weight percent total organic HAP from a continuous unit operation.
35043-1	N/A	40 CFR Part 63, Subpart U	Equipment does not meet the definition of a process vent.
35043-2	N/A	40 CFR Part 63, Subpart U	Equipment does not meet the definition of a process vent.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
35053	N/A	40 CFR Part 63, Subpart U	Equipment does not meet the definition of a process vent.
35078	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
35081	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
35082	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
35083-1	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35083-2	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
35092	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
35092	N/A	40 CFR Part 63, Subpart U	Storage vessel handles material that contains no organic HAP or organic HAP as impurities only.
38080-1	N/A	40 CFR Part 63, Subpart U	Wastewater stream has an annual average concentration of organic HAP of less than 5 ppmw.
38080-2	N/A	40 CFR Part 63, Subpart U	Wastewater stream has an annual average concentration of organic HAP of less than 5 ppmw.
38080-3	N/A	40 CFR Part 63, Subpart U	Wastewater stream has an annual average concentration of organic HAP of less than 5 ppmw.
48043-1	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
48043-2	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities 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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
600-400	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower not operated with chromium-based water treatment chemicals.
700-002	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meters.
700-002	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
700-005	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed, reconstructed, or modified before June 11, 1973.
700-006	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed, reconstructed, or modified before June 11, 1973,
700-007	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than or equal to 151 cubic meters storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).
700-007	N/A	40 CFR Part 63, Subpart U	Storage vessel contains styrene.
700-017	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed, reconstructed, or modified before June 11, 1973.
700-019	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed, reconstructed, or modified before June 11, 1973.
700-019	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
700-020	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed, reconstructed, or modified before June 11, 1973.
700-021	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed, reconstructed, or modified before June 11, 1973.
700-025	N/A	40 CFR Part 63, Subpart U	Process vent with annual organic HAP emissions less than 225 kilograms per year.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
700-203	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meters.
700-203	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
700-212	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meters.
700-212	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
700-216	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meters.
700-216	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
700-220	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meters.
700-220	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
700-250	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
700-251	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less than 38 cubic meters.
A-DRYER #1	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
A-DRYER #2	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
BRFUG-3	N/A	30 TAC Chapter 115, Fugitives Pet Ref B Counties	Site does not contain a petroleum refinery; a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or a natural gas/gasoline processing operation.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
BRFUG-3	N/A	40 CFR Part 63, Subpart I	Fugitives also subject to 40 CFR 63 Subpart I are only required to comply with 40 CFR 63 Subpart U after compliance dates have passed.
C-DRYER #1	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
C-DRYER #2	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
C-SCRN	N/A	40 CFR Part 63, Subpart U	Equipment handles material that contains no organic HAP or organic HAP as impurities only.
CO-SEWER	N/A	30 TAC Chapter 115, Industrial Wastewater	SIC code 2822 (NAICS code 325212) is not an affected source category.
EQ-18	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower not operated with chromium-based water treatment chemicals.
G-STACK	N/A	40 CFR Part 63, Subpart U	Storage vessel is located downstream of the stripping operation and is complying with the stripping technology specified in § 63.495.
L-WWV	N/A	30 TAC Chapter 115, Industrial Wastewater	SIC code 2822 (NAICS code 325212) is not an affected source category.
LI-SEWER	N/A	30 TAC Chapter 115, Industrial Wastewater	SIC code 2822 (NAICS code 325212) is not an affected source category.
TK-USOILBR	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than 1000 gallons.
TK-USOILBR	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75 cubic meters.
TK-USOILBR	N/A	40 CFR Part 63, Subpart U	Storage vessel is not in chloroprene service and has a capacity of less 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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
WW	N/A	30 TAC Chapter 115, Industrial Wastewater	SIC code 2822 (NAICS code 325212) is not an affected source category.
WW	N/A	40 CFR Part 63, Subpart U	Wastewater stream has an annual average concentration of organic HAP of less than 5 ppmw.

New Source Review Authorization References

New Source Review Authorization References 108

New Source Review Authorization References by Emission Unit 109

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX874	Issuance Date: 02/16/2022
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 22508	Issuance Date: 02/16/2022
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 61	Version No./Date: 06/07/1996
Number: 103	Version No./Date: 06/07/1996
Number: 106.103	Version No./Date: 09/04/2000
Number: 106.121	Version No./Date: 09/04/2000
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 12/24/1998
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 03/14/1997
Number: 106.263	Version No./Date: 09/04/2000
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.473	Version No./Date: 03/14/1997
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 03/14/1997

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
010-058	DECANTER	22508, PSDTX874
010-064	BLENDED FEED TANK	22508, PSDTX874
010-066	DECANTER	22508, PSDTX874
010-071	DRYER	22508, PSDTX874
010-072	DRYER	22508, PSDTX874
010-080	CATALYST FEED CYLINDER	22508, PSDTX874
010-114	DECANTER	22508, PSDTX874
010-117	ACCUMULATOR	22508, PSDTX874
010-121	HIBOILS OVERHEAD ACCUMULATOR	22508, PSDTX874
010-161	MAKE-UP TANK	22508, PSDTX874
010-312	COALESCER	22508, PSDTX874
010-313	COALESCER	22508, PSDTX874
010-316	COALESCER	22508, PSDTX874
010-318	COALESCER	22508, PSDTX874
010-446	CATALST FEED CYLINDER	22508, PSDTX874
010-490	COALESCER	22508, PSDTX874
011-128	NORTH SLURRY SURGE TANK	22508, PSDTX874
012-021	SOUTH SLURRY SURGE TANK	22508, PSDTX874
101-067	MAKEUP TANK	22508, PSDTX874
32004	SCRUBBER	22508, PSDTX874
33001	DILUTION TANK	22508, PSDTX874

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
33002-1	CATALYST STORAGE TANK	22508, PSDTX874
33002-2	CATALYST STORAGE TANK	22508, PSDTX874
33003	CATALYST DILUTION TANK	22508, PSDTX874
33015-1	"C" SLURRY SURGE TANK	22508, PSDTX874
33015-2	"C" SLURRY SURGE TANK	22508, PSDTX874
33015-3	"A" SLURRY SURGE TANK	22508, PSDTX874
33015-4	"A" SLURRY SURGE TANK	22508, PSDTX874
33018	"A" AO SOLUTION MAKE-UP TANK	22508, PSDTX874
33030	CATALYST STORAGE TANK	22508, PSDTX874
34001-1	BD STORAGE SPHERE	22508, PSDTX874
34001-2	BD STORAGE SPHERE	22508, PSDTX874
34003	OIL STORAGE TANK	22508, PSDTX874
34004-1	RECOVERED SOLVENT SPHERE	22508, PSDTX874
34004-2	RECOVERED SOLVENT SPHERE	22508, PSDTX874
34005-1	BLENDED FEED SPHERE	22508, PSDTX874
34005-2	BLENDED FEED SPHERE	22508, PSDTX874
35011-2	CATALYST SLOP TANK	22508, PSDTX874
35012	FRESH SOLVENT STORAGE TANK	22508, PSDTX874
35013	DRY SOLVENT STORAGE TANK	22508, PSDTX874
35014-1	DECANTER	22508, PSDTX874
35014-2	DECANTER	22508, PSDTX874

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
35020	HIGH BOILS STORAGE TANK	22508, PSDTX874
35022	AO SOLUTION FEED TANK (GLASS TANK)	22508, PSDTX874
35024	RECOVERED CONDENSATE TANK	22508, PSDTX874
35030-1	UTILITY STORAGE TANK	22508, PSDTX874
35031-1	AO SOLUTION FEED TANK (GLASS TANK)	22508, PSDTX874
35031-2	STEARIC ACID FEED TANK	22508, PSDTX874
35032-1	RECYCLE SOLVENT TANK	22508, PSDTX874
35032-2	RECYCLE SOLVENT TANK	22508, PSDTX874
35033	OIL BREAK TANK	22508, PSDTX874
35037	DECANTER	22508, PSDTX874
35038	VENT TANK	22508, PSDTX874
35043-1	DECANTER	22508, PSDTX874
35043-2	DECANTER	22508, PSDTX874
35053	DECANTER	22508, PSDTX874
35078	COD ACCUMULATOR	22508, PSDTX874
35081	MIXED STREAM HOLD TANK	22508, PSDTX874
35082	RECOVERED CATALYST TANK	22508, PSDTX874
35083-1	PIGGY BACK SLOP TANK	22508, PSDTX874
35083-2	PIGGY BACK SLOP TANK	22508, PSDTX874
35092	AO STORAGE TANK	22508, PSDTX874
38080-1	#1 KNOCKOUT TANK	22508, PSDTX874

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
38080-2	#2 KNOCKOUT TANK	22508, PSDTX874
38080-3	#3 KNOCKOUT TANK	22508, PSDTX874
48043-1	A-LINE A-DEWATERING	22508, PSDTX874
48043-2	A-LINE B-DEWATERING	22508, PSDTX874
600-400	LIBR/SSBR COOLING TOWER	22508, PSDTX874
700-002	1,2 BUTADIENE STORAGE TANK	22508, PSDTX874
700-005	W. SPHERE	22508, PSDTX874
700-006	E. SPHERE	22508, PSDTX874
700-007	STYRENE STORAGE TANK	22508, PSDTX874
700-017	BR WASTE STORAGE TANK	22508, PSDTX874
700-017-LO	BR WASTE LOADING	106.473/03/14/1997
700-019	CATALYST STORAGE TANK	22508, PSDTX874
700-020	SOLVENT STORAGE TANK	22508, PSDTX874
700-021	EAST SOLVENT STORAGE TANK	22508, PSDTX874
700-022	WEST SOLVENT STORAGE TANK	22508, PSDTX874
700-025	CATALYST KNOCKOUT POT	22508, PSDTX874
700-203	CATALYST STORAGE TANK	22508, PSDTX874
700-212	CATALYST STORAGE TANK	22508, PSDTX874
700-216	SO STORAGE TANK	22508, PSDTX874
700-220	AO STORAGE TANK	22508, PSDTX874
700-250	CATALYST STORAGE TANK	22508, PSDTX874

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
700-251	CATALYST STORAGE TANK	22508, PSDTX874
A-DRYER #1	A-LINE CYCLONE	22508, PSDTX874
A-DRYER #2	A-LINE DRYER	22508, PSDTX874, 106.261/11/01/2003 [153498]
BRFUG-3	BR PROCESS AREA FUGITIVES	22508, PSDTX874, 106.261/11/01/2003 [156504, 156588, 168308], 106.262/11/01/2003 [156504, 156588, 168308]
C-DRYER #1	C-LINE CYCLONE	22508, PSDTX874
C-DRYER #2	C-LINE DRYER	22508, PSDTX874
C-SCRN	C-LINE DEWATERING	22508, PSDTX874
CO-SEWER	COBR SEWER SYSTEM	61/06/07/1996
EQ-18	COOLING TOWER	22508, PSDTX874
G-STACK	G FINISHING LINE STACK	22508, PSDTX874
L-WWV	LIBR W/W STRIPPER	22508, PSDTX874
LI-SEWER	LIBR SEWER SYSTEM	61/06/07/1996
PRO-COBR	COBR PROCESS	22508, PSDTX874
PRO-LIBR	LIBR PROCESS	22508, PSDTX874
SOLV-LOAD	SOLVENT LOADING RACK	22508, PSDTX874
TK-USOILBR	USED OIL STORAGE TANK	22508, PSDTX874
WW	COBR WASTEWATER STRIPPER (OUTLET)	22508, PSDTX874

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

Appendix A

Acronym List 115

Acronym List

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

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
RO	Responsible Official
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

Appendix B

Major NSR Summary Table 117

Major NSR Summary Table

Permit Number 22508 and PSDTX874					Issuance Date: August 4, 2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
011-128-V	North Slurry Tank Vent	VOC	11.75	47.00	11, 17	17	17
		PM	0.40	1.60			
		PM ₁₀	0.40	1.60			
		PM _{2.5}	0.10	0.40			
012-021-V	South Slurry Tank Vent	VOC	11.75	47.00	11, 17	17	17
		PM	0.40	1.60			
		PM ₁₀	0.40	1.60			
		PM _{2.5}	0.10	0.40			
G-STACK	G Finishing Line Stack	VOC	36.00	144.00	11, 16, 17	16, 17	16, 17
		PM	2.08	8.32			
		PM ₁₀	2.08	8.32			
		PM _{2.5}	0.52	2.08			
NCT-1	Cooling Tower	VOC (5)	0.71	2.82	6, 7	6, 7	
		PM	1.68	6.73			

Major NSR Summary Table

Permit Number 22508 and PSDTX874					Issuance Date: August 4, 2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	1.07	4.68			
		PM _{2.5}	0.01	0.02			
L-WWV	LiBR Wastewater Stripper	VOC	0.66	2.59	8	8	
700-025-V	Catalyst Tank Knockout Pot	VOC	43.40	0.38	5	5	
700-252-V	Catalyst Tank Knockout Pot	VOC	43.50	0.67	5	5	
700-007-V	Styrene Storage Tank	VOC	0.16	0.47	5	5	
C-LINE	C-Line (6)	VOC	23.16	70.91	4, 11, 16, 17	4, 16, 17	16, 17
		PM	1.03	4.51			
		PM ₁₀	1.03	4.51			
		PM _{2.5}	0.26	1.13			
A-LINE	A-Line (7)	VOC	34.61	137.30	4, 11, 16, 17	4, 16, 17	16, 17
		PM	1.57	6.88			
		PM ₁₀	1.57	6.88			

Major NSR Summary Table

Permit Number 22508 and PSDTX874					Issuance Date: August 4, 2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	0.39	1.72			
DUSTV	Carbon Black Vent	PM	0.15	0.60	10		
		PM ₁₀	0.15	0.60			
		PM _{2.5}	0.04	0.15			
SCRUBBERV	Carbon Black Scrubber	PM	0.03	0.10	10		
		PM ₁₀	0.03	0.10			
		PM _{2.5}	0.01	0.03			
48098-V	Carbon Black Vacuum Vent	PM	0.08	0.30	10		
		PM ₁₀	0.08	0.30			
		PM _{2.5}	0.02	0.08			
EQ-18V	Cooling Tower	VOC (5)	1.26	5.52	6, 7	6, 7	
		PM	3.00	13.15			
		PM ₁₀	1.91	8.35			
		PM _{2.5}	0.01	0.03			

Major NSR Summary Table

Permit Number 22508 and PSDTX874					Issuance Date: August 4, 2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
BRFUG-3	Process Area Fugitives (5)	VOC	4.91	21.52	12, 13, 14, 15	12, 13, 15	12
		NH ₃	0.50	2.19			
BRFUG-6	Storage Tank Area Fugitives (5)	VOC	0.39	1.69	12, 13, 14	12, 13	12
35092	TNPP Storage Tank	VOC	0.49	0.01	5	5	
33030	COD Storage Tank	VOC	1.40	0.02	5	5	
34003	HA Oil Storage Tank	VOC	0.19	0.04	5	5	
33002-1	West DEAC Storage Tank	VOC	14.55	0.51	5	5	
33002-2	East DEAC Storage Tank	VOC	14.55	0.51	5	5	
WW	CoBR Wastewater Stripper	VOC	7.01	12.27	8	8	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- NH₃ - ammonia

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission points in C-Line include 33015-1V, 33015-2V, C-SCRN, C-DRYER No. 1, and C-DRYER No. 2.
- (7) Emission points in A-Line include 33015-3V, 33015-4V, 48043-1V, 48043-2V, A-DRYER No. 1, and A DRYER No. 2.

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 16, 2022

MR NEIL AMEDEE
HEAD OF ORANGE SITE OPERATIONS
ARLANXEO USA LLC
PO BOX 2000
ORANGE TX 77631-2000

Re: Permit Alteration
Permit Number: 22508
Expiration Date: September 9, 2026
Arlanxeo USA LLC
Libr And Cobr Units
West Orange, Orange County
Regulated Entity Number: RN100825363
Customer Reference Number: CN605127042
Associated Permit: PSDTX874

Dear Mr. Amedee:

Arlanxeo USA LLC has requested alteration of the representations of the above-referenced permit.

In accordance with Title 30 Texas Administrative Code §116.116(c), Permit Number 22508 is altered.
Please attach this letter to your permit.

If you need further information or have any questions, please contact Mr. Kevin Villalta at (512) 239-6044 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Mr. Neil Amedee
Page 2
February 16, 2022

Re: Permit Number: 22508

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air

Enclosure

cc: Air Section Manager, Region 10 – Beaumont
cc: Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection
Agency, Region 6, Dallas

Project Number: 335885



Texas Commission on Environmental Quality Air Quality Permit

A Permit Is Hereby Issued To
ARLANXEO USA LLC
Authorizing the Construction and Operation of
LiBR And CoBR Units
Located at West Orange, Orange County, Texas
Latitude 30° 2' 50" Longitude -93° 46' 9"

Permit: 22508 and PSDTX874

Revision Date: August 4, 2017

Expiration Date: September 9, 2026

A handwritten signature in black ink, appearing to read "R. A. Hyle".

For the Commission

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

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

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

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

Special Conditions

Permit Number 22508 and PSDTX874

Emission Standards

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit.
2. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing volatile organic compounds (VOC) at a concentration of greater than 1 percent are not authorized by this permit unless authorized on the maximum allowable emission rates table (MAERT). Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than 1 weight percent are not consistent with good practice for minimizing emissions with the exception of those listed in Attachment A.
3. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63:
 - A. Subpart A, General Provisions.
 - B. Subpart U, National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins.

Throughput and Product Specifications

4. Hourly and annual combined production from all Lines (A-Line, C-Line, F-Line, and G-Line) shall not exceed that specified in the confidential portion of the June 2014 permit renewal application. Both clear and pigmented polymers can be produced on all finishing lines. Routine compliance with the hourly production limit shall be demonstrated through records of average hourly production of all products during a production run or 24 hours of operation, whichever is shorter. Records shall be kept of the cumulative total annual production rate (pounds per year). These records shall be updated on a monthly basis and maintained at the plant site.
5. Storage tank throughput and service shall be limited to the following: **(08/17)**

Tank Identifier	Service	Fill rate (gallons/hour)	Rolling 12 Month Throughput (gallons)
33002-1	Diethylaluminum Chloride / Cyclohexane	4,000	237,972
33002-2	Diethylaluminum Chloride / Cyclohexane	4,000	237,972
33030	1,5 – cyclooctadiene	6,000	208,231
34003	Aromatic Oil	9,000	8,078,173

Tank Identifier	Service	Fill rate (gallons/hour)	Rolling 12 Month Throughput (gallons)
35092	Trisnonylphenol Phosphite	6,000	188,970
700-007-V	Styrene	6,000	3,133,912

Tanks 33002-1 and 33002-2 shall not be filled concurrently.

- A. The n-butyllithium pressure tank shall vent to a knockout pot (EPN 700-025-V) containing mineral oil to prevent emissions directly to the atmosphere when being filled.
- B. The ethylaluminum sesquichloride and diisobutylaluminum hydride pressure tanks shall vent to a knockout pot (EPN 700-252-V) containing mineral oil to prevent emissions directly to the atmosphere when being filled.
- C. Except for labels, logos, etc. not to exceed 15 percent of the tank total surface area, uninsulated tank exterior surfaces exposed to the sun shall be white or unpainted aluminum. Storage tanks must be equipped with permanent submerged fill pipes.
- D. The permit holder shall maintain a record of tank throughput for the previous month and the past consecutive 12 month period for each tank.

Emission Controls

- 6. The cooling towers (EPNs NCT-1 and EQ-18V) shall be operated and monitored in accordance with the following:
 - A. The VOC associated with cooling tower water shall be monitored monthly with an approved air stripping system or equivalent. The appropriate equipment shall be maintained so as to minimize fugitive VOC emissions from the cooling tower. If the sampling results show emissions above the emission rate listed in the MAERT, the faulty equipment shall be identified through inspection and/or sampling. Every reasonable effort shall be made to repair the faulty component within 15 days after the exceedance has been noted. If the repair of a component would require a unit shutdown, the repair may be delayed until the next maintenance shutdown.
 - B. If the time for repair is expected to exceed six months and the estimated emission rate exceeds that on the MAERT, the emissions are no longer authorized by this permit.
 - C. Sampling shall be performed on a weekly basis when sampling indicates emissions greater than shown on the MAERT for that cooling tower. The TCEQ Executive Director, at his discretion, may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. The results of the monitoring and maintenance efforts shall be recorded, and such records shall be maintained for a period of two years. The records shall be made available to the TCEQ Executive Director upon request.
- 7. The cooling towers (EPNs NCT-1 and EQ-18V) shall be operated and monitored in accordance with the following after January 1, 2017:

- A. Cooling towers shall each be equipped with drift eliminators having manufacturer's design assurance of 0.01% drift or less. Drift eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.
- B. Total dissolved solids (TDS) shall not exceed 2,000 parts per million by weight (ppmw). Dissolved solids in the cooling water drift are considered to be emitted as PM, PM10, and PM2.5 as represented in the permit application calculations.
- C. Cooling towers shall be analyzed for particulate emissions using one of the following methods:
 - (1) Cooling water shall be sampled at least once per day for total dissolved solids (TDS); or
 - (2) TDS monitoring may be reduced to weekly if conductivity is monitored daily and TDS is calculated using a ratio of TDS-to-conductivity (in ppmw per $\mu\text{mho/cm}$ or ppmw/siemens). The ratio of TDS-to-conductivity shall be determined by concurrently monitoring TDS and conductivity on a weekly basis. The permit holder may use the average of two consecutive TDS-to-conductivity ratios to calculate daily TDS; or
 - (3) TDS monitoring may be reduced to annually if conductivity is monitored daily and TDS is calculated using a correlation factor established for each cooling tower. The correlation factor shall be the average of nine consecutive weekly TDS-to-conductivity ratios determined using C(2) above provided the highest ratio is not more than 10% larger than the smallest ratio.
 - (4) The permit holder shall validate the TDS-to-conductivity correlation factor once each calendar year. If the ratio of concurrently sampled TDS and conductivity is more than 10% higher or lower than the established factor, the permit holder shall increase TDS monitoring to weekly until a new correlation factor can be established.
- D. Cooling water sampling shall be representative of the cooling tower feed water and shall be conducted using approved methods.
 - (1) The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, or SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water]. Water samples should be capped upon collection, and transferred to a laboratory area for analysis.
 - (2) The analysis method for conductivity shall be either ASTM D1125-95A (field or routine laboratory testing) or ASTM D1125-95B (continuous monitor). The analysis may be conducted at the sample site or with a calibrated process conductivity meter. If a conductivity meter is used, it shall be calibrated at least annually. Documentation of the method and any associated calibration records shall be maintained.
 - (3) Alternate sampling and analysis methods may be used to comply with D(1) and D(2) with written approval from the TCEQ Regional Director.
 - (4) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.

- E. Emission rates of PM, PM10 and PM2.5 shall be calculated for the previous month within 30 days of the end of the previous month using the monthly average measured TDS or correlation of TDS to conductivity measurements, the design drift rate and the monthly average actual cooling water circulation rate for the annual average rates. Alternately, the design maximum circulation rate may be used for all calculations. Emission records shall be updated monthly.
8. All process wastewater containing VOC and/or other organic compounds (hydrocarbons and/or hydrocarbon derivatives excluding carbon dioxide) at a concentration greater than 35 parts per million by volume (ppmv) shall be routed through a closed vent system to a steam stripper. The steam stripper shall operate with either no less than 95 percent efficiency in disposing of the VOC with the exception of methanol, or maintain an outlet VOC (with the exception of methanol) concentration of less than 35 parts per million by weight.
- The vent from the steam stripper shall be routed to the flare (EPN FLARE-1) authorized through NSR Permit No. 56568.
- The VOC associated with process wastewater shall be monitored at least monthly with an approved air stripping system or equivalent.
9. The silicon tetrachloride scrubber and sulfur monochloride scrubber shall be sampled for pH prior to loading into either tank associated with the respective scrubber. The pH shall be recorded and verified to be 13.5 or greater prior to loading into a tank.
10. The holder of this permit shall demonstrate upon request that all hooding, duct, and collection systems are effective in capturing carbon black emissions from this equipment (EPNs DUSTV, SCRUBBERV, and 48098-V) and in minimizing fugitive particulate emissions from buildings.
11. There shall be no visible emissions from any vents or buildings at this facility.

Fugitive Emission Monitoring

12. Piping, Valves, Connectors, Pumps, Agitators and Compressors - Intensive Directed Maintenance - 28MID

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

- A. These conditions shall not apply (1) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 pound per square inch, absolute at 68 °F, or (2) operating pressure is at least 5 kilopascals (0.725 pound per square inch) below ambient pressure. Equipment excluded from this condition shall be identified in a list to be made available upon request.

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

- piping and instrumentation diagram (PID);
- a written or electronic database or electronic file;
- color coding;

- a form of weatherproof identification; or
 - designation of exempted process unit boundaries.
- B. Construction of new and reworked piping, valves, pump systems, agitators, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.
- C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.
- D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above.
- E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

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

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

- F. Accessible valves shall be monitored by leak checking for fugitive emissions at least quarterly using an approved gas analyzer with a directed maintenance program. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph.

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

A directed maintenance program shall consist of the repair and maintenance of components assisted simultaneously by the use of an approved gas analyzer such that a minimum concentration of leaking VOC is obtained for each component being maintained. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be maintained. Replaced components shall be re-monitored within 15 days of being placed back into VOC service.

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

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

- H. Damaged or leaking valves, connectors, compressor seals, pump seals, and agitator seals found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.
- I. In lieu of the monitoring frequency specified in paragraph F, valves in gas and light liquid service may be monitored on a semiannual basis if the percent of valves leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.
- Valves in gas and light liquid service may be monitored on an annual basis if the percent of valves leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.
- If the percent of valves leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in this paragraph.
- J. The percent of valves leaking used in paragraph I shall be determined using the following formula:

$$(V_l + V_s) \times 100/V_t = V_p$$

Where:

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

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

V_t = the total number of valves in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including nonaccessible and unsafe to-monitor valves.

V_p = the percentage of leaking valves for the monitoring period.

- K. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.
 - L. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard, or an applicable National Emission Standard for Hazardous Air Pollutants and does not constitute approval of alternative standards for these regulations.
13. In addition to the weekly physical inspection required by Item E of Special Condition No. 12 all connectors in gas/vapor and light liquid service shall be monitored annually with an approved gas analyzer in accordance with Items F through J of Special Condition No. 12. Alternative monitoring frequency schedules of 40 CFR Part 63, Subpart H, National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks, may be used in lieu of the monitoring frequency required by this permit condition. Compliance with this condition does not assure compliance with requirements of applicable state or federal regulations and does not constitute approval of alternative standards for these regulations.
14. The gas service relief valves, safety valves, or rupture discs that vent directly to atmosphere shall be equipped with a rupture disc upstream. A pressure gauge shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.
15. Piping, Valves, Pumps, and Compressors in Ammonia Service
- A. Audio, olfactory, and visual checks for anhydrous ammonia leaks within the operating area shall be made once every shift.
 - B. Immediately, but no later than one hour upon detection of a leak, plant personnel shall take at least one of the following actions:
 - (1) Isolate the leak.
 - (2) Commence repair or replacement of the leaking component.
 - (3) Use a leak collection and/or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.

The date and time of each inspection shall be noted in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be made available to representatives of the TCEQ upon request.

Continuing Determination of Compliance

16. The holder of this permit shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the following equipment:

- A. Finishing Line (Emission Point Nos. [EPNs] 33015-3V or 33015-4V, 48043-1V, 48043-2V, A-DRYER No. 1, and A-DRYER No. 2).
- B. Finishing Line (EPNs 33015-1V or 33015-2V, C-SCRN, C-DRYER No. 1, and C-DRYER No. 2).
- C. F and G-Finishing Lines (EPNs 33324-2V, 332324-IV, and G-STACK, as applicable).

Testing of either A-Line or C-Line involves simultaneous testing of each emission point related to the appropriate finishing line.

Stack sampling results shall be used to verify that the emission rates are in compliance with the permit conditions and allowable emission limits. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense.

- D. The appropriate TCEQ Regional Office in the region where the source is located shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting.

The notice shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports.

A written proposed description of any deviation from sampling procedures specified in permit conditions or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director or the Director of the TCEQ Regional Office shall approve or disapprove of any deviation from specified sampling procedures.

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

- E. Air contaminants shall be tested for including VOC.
- F. Stack sampling shall be repeated annually or as requested by the TCEQ Executive Director. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires the EPA approval, and request shall be submitted to the TCEQ Regional Office.

- G. The plant shall operate at maximum production rates during stack emission testing. Primary operating parameters that enable determination of production rate shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the plant is unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing. Additional stack testing may be required when higher production rates are achieved.
- H. Two copies of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:
- One copy to the TCEQ Beaumont Regional Office.
 - One copy to the TCEQ Regional Office, Austin.
17. The following procedure may be utilized as a substitute for the annual VOC stack sampling after the initial stack test required in Special Condition No. 16. After completion of the initial stack test, the amount of residual hydrocarbons in the crumb and in the finished rubber shall be measured on a mass-per-mass basis at least once per week for each unit using a sampling procedure approved by the TCEQ Regional Office. (For purposes of this condition, a week means the seven-calendar day period of Saturday through Friday.) The crumb sample shall be taken from the applicable slurry surge tank and the finished rubber sample shall be taken immediately prior to packaging. Collected crumb and finished product samples shall be carefully preserved until analysis to minimize hydrocarbon losses. The analyses shall be for total VOC. The holder of this permit may elect not to sample residuals in the finished product, and use a default value of zero residuals in the finishing emissions calculations.
- Finishing emissions shall be measured for each unit at least once per week and calculated as the difference between crumb residual hydrocarbons and finished product residual hydrocarbons times the total production for that day divided by 24 hours. (When multiple samples of crumb or product are taken from a unit on the same day, all residual hydrocarbon analyses shall be averaged.) If this determination of finishing emissions exceeds the cumulative maximum allowable rate (pounds per hour), daily samples shall be taken and analyzed for that unit until the finishing emission rates no longer exceeds the maximum allowable hourly rate. All calculated emission rates in a week that are based on daily sampling and analysis shall be averaged to determine the weekly average. Compliance with the maximum allowable hourly emission rates will be demonstrated when the weekly average is less than the maximum allowable hourly emission rates. If this weekly determination of finishing emissions exceeds the cumulative maximum allowable hourly emission rates, the exceedance shall be immediately reported to the TCEQ Beaumont Regional Office.
- The rolling 12-month total of finishing emissions (tons per year) from each unit shall be maintained and updated each week. An estimate of finishing emissions shall be made for each day using the actual daily production rate and the most recent measurements of residual hydrocarbons in crumb and rubber.

Date: August 4, 2017

ATTACHMENT A

Permit Number 22508 and PSDTX874

Pressure Safety Valves (PSVs) in Gas Service which Relieve to the Atmosphere

Unit	PSV Number	Description	Service	Release Destination
CoBR Unit	0020-654	DEAC Feed Tank	Gas	Atmosphere
CoBR Unit	0020-655	DEAC Feed Tank	Gas	Atmosphere
CoBR Unit	0700-0042	DEAC Storage Tank #1	Gas	Atmosphere
CoBR Unit	0700-0043	DEAC Storage Tank #2	Gas	Atmosphere
CoBR Unit	0700-0009 0700-0010	BD Sphere (East)	Gas	Atmosphere
CoBR Unit	0700-0011 0700-0012	BD Sphere (West)	Gas	Atmosphere
LiBR Unit	0700-25042	EASC Storage Tank	Gas	Atmosphere
LiBR Unit	0700-25044	EASC Storage Tank	Gas	Atmosphere
LiBR Unit	0700-25142	Dibah Storage Tank	Gas	Atmosphere
LiBR Unit	0700-25144	Dibah Storage Tank	Gas	Atmosphere
LiBR Unit	0700-0013	Butyllithium Storage Tank	Gas	Atmosphere
LiBR Unit	0700-0014	Butyllithium Storage Tank	Gas	Atmosphere

Date: September 9, 2016

Emission Sources - Maximum Allowable Emission Rates

Permit Number 22508 and PSDTX874

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
011-128-V	North Slurry Tank Vent	VOC	11.75	47.00
		PM	0.40	1.60
		PM ₁₀	0.40	1.60
		PM _{2.5}	0.10	0.40
012-021-V	South Slurry Tank Vent	VOC	11.75	47.00
		PM	0.40	1.60
		PM ₁₀	0.40	1.60
		PM _{2.5}	0.10	0.40
G-STACK	G Finishing Line Stack	VOC	36.00	144.00
		PM	2.08	8.32
		PM ₁₀	2.08	8.32
		PM _{2.5}	0.52	2.08
NCT-1	Cooling Tower	VOC (5)	0.71	2.82
		PM	1.68	6.73
		PM ₁₀	1.07	4.68
		PM _{2.5}	0.01	0.02
L-WWV	LiBR Wastewater Stripper	VOC	0.66	2.59
700-025-V	Catalyst Tank Knockout Pot	VOC	43.40	0.38
700-252-V	Catalyst Tank Knockout Pot	VOC	43.50	0.67
700-007-V	Styrene Storage Tank	VOC	0.16	0.47

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
C-LINE	C-Line (6)	VOC	23.16	70.91
		PM	1.03	4.51
		PM ₁₀	1.03	4.51
		PM _{2.5}	0.26	1.13
A-LINE	A-Line (7)	VOC	34.61	137.30
		PM	1.57	6.88
		PM ₁₀	1.57	6.88
		PM _{2.5}	0.39	1.72
DUSTV	Carbon Black Vent	PM	0.15	0.60
		PM ₁₀	0.15	0.60
		PM _{2.5}	0.04	0.15
SCRUBBERV	Carbon Black Scrubber	PM	0.03	0.10
		PM ₁₀	0.03	0.10
		PM _{2.5}	0.01	0.03
48098-V	Carbon Black Vacuum Vent	PM	0.08	0.30
		PM ₁₀	0.08	0.30
		PM _{2.5}	0.02	0.08
EQ-18V	Cooling Tower	VOC (5)	1.26	5.52
		PM	3.00	13.15
		PM ₁₀	1.91	8.35
		PM _{2.5}	0.01	0.03
BRFUG-3	Process Area Fugitives (5)	VOC	4.91	21.52
		NH ₃	0.50	2.19
BRFUG-6	Storage Tank Area Fugitives (5)	VOC	0.39	1.69
35092	TNPP Storage Tank	VOC	0.49	0.01
33030	COD Storage Tank	VOC	1.40	0.02
34003	HA Oil Storage Tank	VOC	0.19	0.04

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
33002-1	West DEAC Storage Tank	VOC	14.55	0.51
33002-2	East DEAC Storage Tank	VOC	14.55	0.51
WW	CoBR Wastewater Stripper	VOC	7.01	12.27

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 NH₃ - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission points in C-Line include 33015-1V, 33015-2V, C-SCRN, C-DRYER No. 1, and C-DRYER No. 2.
- (7) Emission points in A-Line include 33015-3V, 33015-4V, 48043-1V, 48043-2V, A-DRYER No. 1, and A DRYER No. 2.

Date: August 4, 2017