

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Gulf Coast Growth Ventures LLC

AUTHORIZING THE OPERATION OF  
Gulf Coast Growth Ventures  
Olefins, Derivative and Utilities  
All Other Basic Organic Chemical Manufacturing

LOCATED AT  
San Patricio County, Texas  
Latitude 27° 55' 47" Longitude 97° 19' 19"  
Regulated Entity Number: RN109753731

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: 04169 Issuance Date: December 30, 2020



For the Commission

## Table of Contents

Section	Page
General Terms and Conditions.....	1
Special Terms and Conditions:.....	1
Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting.....	1
Additional Monitoring Requirements.....	10
New Source Review Authorization Requirements.....	11
Compliance Requirements.....	12
Risk Management Plan.....	12
Protection of Stratospheric Ozone.....	13
Alternative Requirements.....	13
Permit Location.....	13
Permit Shield (30 TAC § 122.148).....	13
Attachments.....	14
Applicable Requirements Summary.....	15
Additional Monitoring Requirements.....	222
Permit Shield.....	275
New Source Review Authorization References.....	286
Alternative Requirement.....	299
Appendix A.....	310
Acronym List.....	311
Appendix B.....	312

## **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 F, G, H, YY, EEEE, FFFF, ZZZZ, and DDDDD as identified in the attached Applicable Requirements Summary table are subject

to 30 TAC Chapter 113, Subchapter C, § 113.110, § 113.120, § 113.130, § 113.560, § 113.880, § 113.890, § 113.1090, and § 113.1130, respectively, which incorporate the 40 CFR Part 63 Subparts 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 and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
    - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
    - (ii) Title 30 TAC § 111.111(a)(1)(E)
    - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
    - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

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

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

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

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

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

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. 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)

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

- (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
- (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
- (iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
- (iv) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

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

5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 100,000 gallons of gasoline in any calendar month after October 31, 2014, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
  - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
  - B. Title 40 CFR § 60.8 (relating to Performance Tests)
  - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
  - D. Title 40 CFR § 60.12 (relating to Circumvention)
  - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
  - F. Title 40 CFR § 60.14 (relating to Modification)
  - G. Title 40 CFR § 60.15 (relating to Reconstruction)
  - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
  - A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
  - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
  - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
  - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
  - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
  - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
  - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)



- H. Title 40 CFR § 61.15 (relating to Modification)
  - I. Title 40 CFR § 61.19 (relating to Circumvention)
8. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.342(c)(1)(i) - (iii) (relating to Standards: General)
  - B. Title 40 CFR § 61.342(e)(2)(i) - (ii) (relating to Standards: General)
  - C. Title 40 CFR § 61.342(f)(1), and (2) (relating to Standards: General)
  - D. Title 40 CFR § 61.342(g) (relating to Standards: General)
  - E. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
  - F. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
  - G. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
  - H. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
  - I. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
  - J. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)
  - K. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
  - L. Title 40 CFR § 61.356(c) (relating to Recordkeeping Requirements)
  - M. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
  - N. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)
9. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.345(a)(1) - (3), (b), and (c) (relating to Standards: Containers)
  - B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
  - C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
  - D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
10. For facilities with individual drain systems subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

- A. Title 40 CFR § 61.346(a)(1)(i)(A), (B), (ii), (2), and (3) (relating to Standards: Individual Drain Systems)
  - B. Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)
  - C. Title 40 CFR § 61.346(b)(2)(ii)(A) (relating to Standards: Individual Drain Systems), for junction boxes
  - D. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
  - E. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
  - F. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
11. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
  12. For the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).
  13. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 2 wastewater stream, the permit holder shall comply with (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
    - A. Title 40 CFR § 63.132(b), (b)(1), (b)(1)(i), (b)(2), and (b)(2)(i) (relating to Process Wastewater Provisions - General)
    - B. Title 40 CFR § 63.146(b)(1) (relating to Process Wastewater Provisions - Reporting)
    - C. Title 40 CFR § 63.147(b)(8) (relating to Process Wastewater Provisions - Recordkeeping)
  14. For the chemical manufacturing facilities subject to leak detection requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
    - A. General Leak Detection Requirements:
      - (i) Title 40 CFR § 63.148(d)(1) - (3), and (e) (relating to Leak Inspection Provisions)
      - (ii) Title 40 CFR § 63.148(c), (g), (g)(2), (h), and (h)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements
      - (iii) Title 40 CFR §§ 63.148(g)(2), (h)(2), (i)(1) - (2), (i)(4)(i) - (viii), (i)(5), and 63.152(a)(1) - (5), for recordkeeping requirements
      - (iv) Title 40 CFR §§ 63.148(j), 63.151(a)(6)(i) - (iii), (b)(1) - (2), (j)(1) - (3), 63.152(a)(1) - (5), (b), (b)(1)(i) - (ii), and (b)(4), for reporting requirements
    - B. For closed vent system or vapor collection systems constructed of hard piping:

- (i) Title 40 CFR § 63.148(b)(1)(ii) (relating to Leak Inspection Provisions), for monitoring and testing requirements
    - (ii) Title 40 CFR § 63.148(i)(6) (relating to Leak Inspection Provisions), for recordkeeping requirements
  - C. For facilities operating flow indicators:
    - (i) Title 40 CFR § 63.148(f)(1) (relating to Leak Inspection Provisions), for monitoring and testing requirements
    - (ii) Title 40 CFR § 63.148(f)(1), (i)(3)(i) (relating to Leak Inspection Provisions), for recordkeeping requirements
    - (iii) Title 40 CFR § 63.148(j)(2) (relating to Leak Inspection Provisions), for reporting requirements
15. For transfer of waste from ethylene production facilities subject to 40 CFR Part 63, Subpart YY the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.560 incorporated by reference):
- A. Title 40 CFR § 63.1096(a) - (d) (Title 30 TAC Chapter 113, Subchapter C, § 113.550 incorporated by reference)
  - B. Title 40 CFR § 63.1109(a) and (c)
16. For benzene laden waste streams from ethylene process facilities subject to 40 CFR Part 63, Subpart YY with total annual benzene quantity from the facility of 10 megagrams per year or more the permit holder shall comply with the following requirements as specified in 40 CFR § 63.1095(b)(2) (Title 30 TAC Chapter 113, Subchapter C, § 113.560 incorporated by reference):
- A. For facilities with waste managed in containers the permit holder shall comply with the following requirements:
    - (i) Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
    - (ii) Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
    - (iii) Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
  - B. For facilities with waste managed in individual drain systems the permit holder shall comply with the following requirements:
    - (i) Title 40 CFR § 61.346(a)(1)(i)(A), (B), (ii), (2), and (3) (relating to Standards: Individual Drain Systems)
    - (ii) Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)
    - (iii) Title 40 CFR § 61.346(b)(2)(ii)(A) (relating to Standards: Individual Drain Systems), for junction boxes

- (iv) Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
  - (v) Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
  - (vi) Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
17. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
  18. For miscellaneous chemical process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart FFFF, the permit holder shall comply with the requirements of 40 CFR § 63.132(b), (b)(1), (b)(1)(i), (b)(2), and (b)(2)(i) as specified in § 63.2485(a) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).

### **Additional Monitoring Requirements**

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

- (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
- F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
- 20. 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**

- 21. 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 24, 2023 in the application for project 32277), 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
- 22. 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.
- 23. 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**

24. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
25. Use of 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**

26. 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**

27. 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.

### **Alternative Requirements**

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

### **Permit Location**

29. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

### **Permit Shield (30 TAC § 122.148)**

30. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Alternative Requirement**



## Applicable Requirements Summary

Unit Summary.....	16
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Applicable Requirements Summary .....	76
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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
ADMINGEN	SRIC ENGINES	N/A	60III-3	40 CFR Part 60, Subpart IIII	No changing attributes.
ADMINGEN	SRIC ENGINES	N/A	63ZZZZ-10	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
C-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
C-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
C-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
C-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.

CCD81-LOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-11	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
C_FUG	FUGITIVE EMISSION UNITS	N/A	60DDD-ALL	40 CFR Part 60, Subpart DDD	No changing attributes.
C_FUG	FUGITIVE EMISSION UNITS	N/A	63FFFF-ALL	40 CFR Part 63, Subpart FFFF	No changing attributes.
DREFUSTN	LOADING/UNLOADING OPERATIONS	N/A	R5212-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
E-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
E-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
E-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
E-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon

					adsorption system, chiller, flare or vapor combustor.
E_FUG	FUGITIVE EMISSION UNITS	N/A	60DDD-ALL	40 CFR Part 60, Subpart DDD	No changing attributes.
E_FUG	FUGITIVE EMISSION UNITS	N/A	63FFFF-ALL	40 CFR Part 63, Subpart FFFF	No changing attributes.
G-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
G-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
GAD03	STORAGE TANKS/VESSELS	N/A	R5112-14	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GBD05	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
GBD05	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
GBD05	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-5A	40 CFR Part 63, Subpart G	Electing Control = Electing to control the process vent to the levels required in 40 CFR § 63.113(a)(1) without calculating the TRE index value., Control Device = Flare
GBD05	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-5B	40 CFR Part 63, Subpart G	Electing Control = Electing to control the process vent to the levels required in 40 CFR § 63.113(a)(2) without calculating the TRE index value, Control Device = Thermal incinerator.
GBX02	EMISSION POINTS/STATIONARY	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

	VENTS/PROCESS VENTS				
GED03	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GED03	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-2A	40 CFR Part 63, Subpart G	Electing Control = Electing to control the process vent to the levels required in 40 CFR § 63.113(a)(1) without calculating the TRE index value., Control Device = Flare
GED03	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-2B	40 CFR Part 63, Subpart G	Electing Control = Electing to control the process vent to the levels required in 40 CFR § 63.113(a)(2) without calculating the TRE index value, Control Device = Thermal incinerator.
GFFLARE01	FLARES	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GFFLARE01	FLARES	N/A	60A-1	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
GFFLARE01	FLARES	N/A	60A-2	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
GFFLARE01	FLARES	N/A	60A-3	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
GFFLARE01	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)

GFFLARE01	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
GFFLARE01	FLARES	N/A	63A-3	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
GLYUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GLYUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPBLRSTK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	BOILER A, BOILER B, BOILER C	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPBOILER	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	USSG01A, USSG01B, USSG01C	60Db-1	40 CFR Part 60, Subpart Db	Heat Input Gas/Oil = The facility combusts natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels.
GRPBOILER	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	USSG01A, USSG01B, USSG01C	60Db-2	40 CFR Part 60, Subpart Db	Heat Input Gas/Oil = The facility does not combust natural gas or distillate oil in excess of 30 % of the heat input from the combustion of all fuels., D-Series Fuel Type #2 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.
GRPBOILER	BOILERS/STEAM GENERATORS/STEAM	USSG01A, USSG01B,	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	Table Applicability = designed to utilize a continuous oxygen trim

	GENERATING UNITS	USSG01C			system
GRPBOILER	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	USSG01A, USSG01B, USSG01C	63DDDDD-2	40 CFR Part 63, Subpart DDDDD	Table Applicability = designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr.
GRPCPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCR01, CDFIL01	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
GRPCPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCR01, CDFIL01	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
GRPCPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCR01, CDFIL01	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
GRPCPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCR01, CDFIL01	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
GRPCPEBPL	CHEMICAL MANUFACTURING PROCESS	CCR01, CDFIL01	63FFFF-14	40 CFR Part 63, Subpart FFFF	Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.,

					<p>Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.</p>
GRPCPEBPL	CHEMICAL MANUFACTURING PROCESS	CCR01, CDFIL01	63FFFF-14A	40 CFR Part 63, Subpart FFFF	<p>Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested., Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.</p>



GRPCPEBPL	CHEMICAL MANUFACTURING PROCESS	CCR01, CDFIL01	63FFFF-15	40 CFR Part 63, Subpart FFFF	<p>Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process to an outlet concentration of 20 ppmv or less as TOC or total organic HAP by venting to any combination of control devices except a flare., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.</p>
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GRPCPEBPL	CHEMICAL MANUFACTURING PROCESS	CCR01, CDFIL01	63FFFF-16	40 CFR Part 63, Subpart FFFF	<p>Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device meets the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Boiler or process heater with a design heat input capacity equal to or greater than 44 megawatts (MW) or in which all vent streams are introduced with the primary fuel or are used as the primary fuel., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process to an outlet concentration of 20 ppmv or less as TOC or total organic HAP by venting to any combination of control devices except a flare., Assessment</p>
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					Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.
GRPCPEBPL	CHEMICAL MANUFACTURING PROCESS	CCR01, CDFIL01	63FFFF-17	40 CFR Part 63, Subpart FFFF	<p>Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce collective organic HAP emissions from the sum of all batch process vents within the process by 98% by weight or more by venting emissions from a sufficient number of the vents to any combination of non-flare control devices per Table 2.1.a.,</p>

					Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.
GRPCPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
GRPCPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
GRPCPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
GRPCPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or

					vapor combustor.
GRPCPEBPV	CHEMICAL MANUFACTURING PROCESS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	63FFFF-10	40 CFR Part 63, Subpart FFFF	Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested., Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = No bypass lines., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.
GRPCPEBPV	CHEMICAL MANUFACTURING PROCESS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	63FFFF-10A	40 CFR Part 63, Subpart FFFF	Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested., Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = No bypass lines., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-

					vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.
GRPCPEBPV	CHEMICAL MANUFACTURING PROCESS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	63FFFF-11	40 CFR Part 63, Subpart FFFF	Bypass Line = No bypass lines., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process to an outlet concentration of 20 ppmv or less as TOC or total organic HAP by venting to any combination of control devices except a flare., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been

					requested.
GRPCPEBPV	CHEMICAL MANUFACTURING PROCESS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	63FFFF-12	40 CFR Part 63, Subpart FFFF	<p>Bypass Line = No bypass lines.,  Formaldehyde = The stream does  not contain formaldehyde., Small  Device = A small control device  (defined in § 63.2550) is not being  used., Meets 63.988(b)(2) = The  control device meets the criteria in §  63.988(b)(2)., Negative Pressure =  The closed vent system is operated  and maintained at atmospheric  pressure., Designated HAL = The  emission stream is not designated  as halogenated., CEMS = A CEMS  is not used., SS Device Type =  Boiler or process heater with a  design heat input capacity equal to  or greater than 44 megawatts (MW)  or in which all vent streams are  introduced with the primary fuel or  are used as the primary fuel.,  Determined HAL = The emission  stream is determined not to be  halogenated., Prior Eval = The data  from a prior evaluation or  assessment is not used., Alt 63SS  Mon Parameters = Alternate  monitoring parameters or  requirements have not been  approved by the Administrator or  have not been requested., Vent  Emission Control = Reduce  uncontrolled organic HAP emissions  from all batch process vents within  the process to an outlet  concentration of 20 ppmv or less as  TOC or total organic HAP by venting  to any combination of control  devices except a flare., HAL Device  Type = No halogen scrubber or</p>

					other halogen reduction device is used., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.
GRPCPEBPV	CHEMICAL MANUFACTURING PROCESS	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	63FFFF-13	40 CFR Part 63, Subpart FFFF	Bypass Line = No bypass lines., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce collective organic HAP emissions from the sum of all batch process vents within the process by 98% by weight or more by venting emissions from a sufficient number of the vents to any combination of non-flare control devices per Table 2.1.a., Assessment Waiver = The Administrator has not granted a



					waiver of compliance assessment or no waiver has been requested.
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	63FFFF-1	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a flare is being used for control., Determined Hal = The emission stream is determined to be non- halogenated., Designated Grp1 = The emission stream is designated as Group 1., Negative Pressure = The closed vent system is operated and maintained at or above

					atmospheric pressure., Designated Hal = The emission stream is not designated as halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Bypass Line = No bypass lines., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or a waiver has not been requested.
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	63FFFF-1A	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a flare is being used for control., Determined Hal = The emission stream is determined to be non-halogenated., Designated Grp1 = The emission stream is designated as Group 1., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., Designated Hal = The emission stream is not designated as halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Bypass Line = No bypass lines., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or a waiver has not been requested.
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	63FFFF-2	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i., Alt 63SS Mon Parameters =

					<p>Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested.,</p> <p>Formaldehyde = The stream does not contain formaldehyde., Bypass Line = No bypass lines., Prior Eval = The data from a prior evaluation or assessment is not used., CEMS = A CEMS is not used., Designated Grp1 = The emission stream is designated as Group 1., Small Device = A small control device (defined in § 63.2550) is not being used., 1257A1 = No design evaluation as specified in § 63.1257(a)(1) is being conducted., Designated Hal = The emission stream is not designated as halogenated., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., SS Device Type = Incinerator other than a catalytic incinerator., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2)., Determined Hal = The emission stream is determined to be non-halogenated., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested.</p>
GRPCPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CCT01, CDD03, CEMEM01B	63FFFF-3	40 CFR Part 63, Subpart FFFF	<p>Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table</p>

					<p>1.1.a.i., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Formaldehyde = The stream does not contain formaldehyde., Bypass Line = No bypass lines., Prior Eval = The data from a prior evaluation or assessment is not used., CEMS = A CEMS is not used., Designated Grp1 = The emission stream is designated as Group 1., Small Device = A small control device (defined in § 63.2550) is not being used., 1257A1 = No design evaluation as specified in § 63.1257(a)(1) is being conducted., Designated Hal = The emission stream is not designated as halogenated., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., SS Device Type = Boiler or process heater with a design heat input capacity equal to or greater than 44 megawatts (MW) or in which all vent streams are introduced with the primary fuel or are used as the primary fuel., Meets 63.988(b)(2) = The control device meets criteria in § 63.985(b)(2)., Determined Hal = The emission stream is determined to be non-halogenated., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested.</p>
GRPCPECPV	EMISSION POINTS/STATIONARY	CCT01, CDD03, CEMEM01B	63FFFF-4	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the

	VENTS/PROCESS VENTS				threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet a ppmv standard per § 63.2455(a) - Table 1.1.a.i., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Formaldehyde = The stream does not contain formaldehyde., Bypass Line = No bypass lines., Prior Eval = The data from a prior evaluation or assessment is not used., CEMS = A CEMS is not used., Designated Grp1 = The emission stream is designated as Group 1., Small Device = A small control device (defined in § 63.2550) is not being used., Designated Hal = The emission stream is not designated as halogenated., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., SS Device Type = Incinerator other than a catalytic incinerator., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2)., Determined Hal = The emission stream is determined to be non-halogenated., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested.
GRPEMPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECR01, EDFIL01	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame

					incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
GRPEMPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECR01, EDFIL01	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
GRPEMPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECR01, EDFIL01	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
GRPEMPEBPL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECR01, EDFIL01	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
GRPEMPEBPL	CHEMICAL MANUFACTURING PROCESS	ECR01, EDFIL01	63FFFF-14	40 CFR Part 63, Subpart FFFF	Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested., Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and- key configuration., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions

					from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.
GRPEMPEBPL	CHEMICAL MANUFACTURING PROCESS	ECR01, EDFIL01	63FFFF-14A	40 CFR Part 63, Subpart FFFF	Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested., Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.
GRPEMPEBPL	CHEMICAL MANUFACTURING PROCESS	ECR01, EDFIL01	63FFFF-15	40 CFR Part 63, Subpart FFFF	Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in §

					<p>63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process to an outlet concentration of 20 ppmv or less as TOC or total organic HAP by venting to any combination of control devices except a flare., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.</p>
GRPEMPEBPL	CHEMICAL MANUFACTURING PROCESS	ECR01, EDFIL01	63FFFF-16	40 CFR Part 63, Subpart FFFF	<p>Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device meets the criteria in § 63.988(b)(2).,</p>



					<p>Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Boiler or process heater with a design heat input capacity equal to or greater than 44 megawatts (MW) or in which all vent streams are introduced with the primary fuel or are used as the primary fuel., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process to an outlet concentration of 20 ppmv or less as TOC or total organic HAP by venting to any combination of control devices except a flare., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.</p>
GRPEMPEBPL	CHEMICAL MANUFACTURING PROCESS	ECR01, EDFIL01	63FFFF-17	40 CFR Part 63, Subpart FFFF	<p>Bypass Line = Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration., Formaldehyde = The stream does not contain</p>

					<p>formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce collective organic HAP emissions from the sum of all batch process vents within the process by 98% by weight or more by venting emissions from a sufficient number of the vents to any combination of non-flare control devices per Table 2.1.a., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.</p>
GRPEMPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A,	R5121-10	30 TAC Chapter 115, Vent Gas Controls	<p>Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature</p>

		EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A			or at least 1300° F (704 C).
GRPEMPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
GRPEMPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
GRPEMPEBPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A,	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an

		EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A			afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
GRPEMPEBPV	CHEMICAL MANUFACTURING PROCESS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A	63FFFF-10	40 CFR Part 63, Subpart FFFF	Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested., Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = No bypass lines., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.
GRPEMPEBPV	CHEMICAL MANUFACTURING PROCESS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01,	63FFFF-10A	40 CFR Part 63, Subpart FFFF	Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested., Prior Eval = Data from a prior evaluation or assessment is not used., Bypass Line = No bypass

		EED02, EED03, EEE01, EEFIL01, EEMEM01A			lines., Designated HAL = The emission stream is not designated as halogenated., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c., Determined HAL = The emission stream is determined not to be halogenated.
GRPEMPEBPV	CHEMICAL MANUFACTURING PROCESS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGT01, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A	63FFFF-11	40 CFR Part 63, Subpart FFFF	Bypass Line = No bypass lines., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce uncontrolled organic HAP emissions from all batch process vents within the process to an outlet

					concentration of 20 ppmv or less as TOC or total organic HAP by venting to any combination of control devices except a flare., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.
GRPEMPEBPV	CHEMICAL MANUFACTURING PROCESS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A	63FFFF-12	40 CFR Part 63, Subpart FFFF	Bypass Line = No bypass lines., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device meets the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Boiler or process heater with a design heat input capacity equal to or greater than 44 megawatts (MW) or in which all vent streams are introduced with the primary fuel or are used as the primary fuel., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce uncontrolled organic HAP emissions

					from all batch process vents within the process to an outlet concentration of 20 ppmv or less as TOC or total organic HAP by venting to any combination of control devices except a flare., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.
GRPEMPEBPV	CHEMICAL MANUFACTURING PROCESS	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGTO1, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A	63FFFF-13	40 CFR Part 63, Subpart FFFF	Bypass Line = No bypass lines., Formaldehyde = The stream does not contain formaldehyde., Small Device = A small control device (defined in § 63.2550) is not being used., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2)., Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., CEMS = A CEMS is not used., SS Device Type = Incinerator other than a catalytic incinerator., Determined HAL = The emission stream is determined not to be halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Vent Emission Control = Reduce collective organic HAP emissions from the sum of all batch process vents within the process by 98% by weight or more by venting emissions

					from a sufficient number of the vents to any combination of non-flare control devices per Table 2.1.a., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver has been requested.
GRPEMPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECT01, EEMEM01B	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
GRPEMPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECT01, EEMEM01B	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
GRPEMPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECT01, EEMEM01B	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.
GRPEMPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECT01, EEMEM01B	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
GRPEMPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECT01, EEMEM01B	63FFFF-1	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a flare is being used for control., Determined Hal = The emission stream is determined to be non-



					halogenated., Designated Grp1 = The emission stream is designated as Group 1., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., Designated Hal = The emission stream is not designated as halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Bypass Line = No bypass lines., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or a waiver has not been requested.
GRPEMPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECT01, EEMEM01B	63FFFF-1A	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a flare is being used for control., Determined Hal = The emission stream is determined to be non-halogenated., Designated Grp1 = The emission stream is designated as Group 1., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., Designated Hal = The emission stream is not designated as halogenated., Prior Eval = The data from a prior evaluation or assessment is not used., Bypass Line = No bypass lines., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or a waiver has not been requested.
GRPEMPECPV	EMISSION POINTS/STATIONARY	ECT01, EEMEM01B	63FFFF-2	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the

	VENTS/PROCESS VENTS				<p>threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Formaldehyde = The stream does not contain formaldehyde., Bypass Line = No bypass lines., Prior Eval = The data from a prior evaluation or assessment is not used., CEMS = A CEMS is not used., Designated Grp1 = The emission stream is designated as Group 1., Small Device = A small control device (defined in § 63.2550) is not being used., 1257A1 = No design evaluation as specified in § 63.1257(a)(1) is being conducted., Designated Hal = The emission stream is not designated as halogenated., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., SS Device Type = Incinerator other than a catalytic incinerator., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2)., Determined Hal = The emission stream is determined to be non-halogenated., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested.</p>
GRPEMPECPV	EMISSION	ECT01, EEMEM01B	63FFFF-3	40 CFR Part 63, Subpart	Emission Standard = The TRE index

	POINTS/STATIONARY VENTS/PROCESS VENTS			FFFF	<p>is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Formaldehyde = The stream does not contain formaldehyde., Bypass Line = No bypass lines., Prior Eval = The data from a prior evaluation or assessment is not used., CEMS = A CEMS is not used., Designated Grp1 = The emission stream is designated as Group 1., Small Device = A small control device (defined in § 63.2550) is not being used., 1257A1 = No design evaluation as specified in § 63.1257(a)(1) is being conducted., Designated Hal = The emission stream is not designated as halogenated., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., SS Device Type = Boiler or process heater with a design heat input capacity equal to or greater than 44 megawatts (MW) or in which all vent streams are introduced with the primary fuel or are used as the primary fuel., Meets 63.988(b)(2) = The control device meets criteria in § 63.985(b)(2)., Determined Hal = The emission stream is determined to be non-halogenated., Assessment Waiver = The Administrator has not granted a</p>
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					waiver of compliance assessment or no waiver is requested.
GRPEMPECPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ECT01, EEMEM01B	63FFFF-4	40 CFR Part 63, Subpart FFFF	Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet a ppmv standard per § 63.2455(a) - Table 1.1.a.i., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Formaldehyde = The stream does not contain formaldehyde., Bypass Line = No bypass lines., Prior Eval = The data from a prior evaluation or assessment is not used., CEMS = A CEMS is not used., Designated Grp1 = The emission stream is designated as Group 1., Small Device = A small control device (defined in § 63.2550) is not being used., Designated Hal = The emission stream is not designated as halogenated., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., SS Device Type = Incinerator other than a catalytic incinerator., Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2)., Determined Hal = The emission stream is determined to be non-halogenated., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or

					no waiver is requested.
GRPEMRGGEN	SRIC ENGINES	GUDGEN01, UKDGEN01, UKDGEN02	60IIII-3	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPEMRGGEN	SRIC ENGINES	GUDGEN01, UKDGEN01, UKDGEN02	63ZZZZ-10	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPEQTANK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ZWTK01, ZWTK02	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPEXTRUD	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CLDC03, ELDC03	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPFURNSTK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	OFAF01, OFBF01, OFCE01, OFDF01, OFEF01, OFFF01, OFGF01, OFHF01	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFWP	SRIC ENGINES	ZFP02B, ZFP02C	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPFWP	SRIC ENGINES	ZFP02B, ZFP02C	63ZZZZ-10	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPGLYLOAD	LOADING/UNLOADING OPERATIONS	RLOAD-GB, RLOAD- HG, RLOAD-MEG, TLOAD-MEG	R5212-4	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRPGLYLOAD	LOADING/UNLOADING OPERATIONS	RLOAD-GB, RLOAD- HG, RLOAD-MEG, TLOAD-MEG	63G-10	40 CFR Part 63, Subpart G	No changing attributes.
GRPGLYTANK	STORAGE TANKS/VESSELS	GDTK01, GETK01, GETK02A, GETK02B	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
GRPGRANULE	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CDDCO4, CDFAN01, CLDC01, EDDCO4, EDFAN01, ELDC01	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	R5112-21	30 TAC Chapter 115, Storage of VOCs	Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare, Construction Date = On or after May 12, 1973, Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria., Product Stored = VOC other than crude oil or condensate, Storage Capacity = Capacity is greater than 25,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia but less than 11 psia
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	R5112-21A	30 TAC Chapter 115, Storage of VOCs	Alternate Control Requirement = Using alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria, and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ executive director.
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	R5112-22	30 TAC Chapter 115, Storage of VOCs	Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Direct-flame incinerator, Construction Date = On or after May 12, 1973, Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria., Product Stored = VOC other than crude oil or condensate, Storage

					Capacity = Capacity is greater than 25,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia but less than 11 psia
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	R5112-25	30 TAC Chapter 115, Storage of VOCs	Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Other control device, Construction Date = On or after May 12, 1973, Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria., Product Stored = VOC other than crude oil or condensate, Storage Capacity = Capacity is greater than 25,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia but less than 11 psia
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	63YY-BLR	40 CFR Part 63, Subpart YY	Control Device Type = Steam Generating Unit (Boiler)
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	63YY-FL	40 CFR Part 63, Subpart YY	Control Device Type = Flare
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	63YY-FLA	40 CFR Part 63, Subpart YY	Control Device Type = Flare complying with MACT CC
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	63YY-INC	40 CFR Part 63, Subpart YY	Control Device Type = Incenerator
GRPHFOTANK	STORAGE TANKS/VESSELS	ZTTK06A, ZTTK06B	63YY-INC1	40 CFR Part 63, Subpart YY	No changing attributes.
GRPHON-PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	GBD02, GDD07, GDE11	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).

GRPHON-PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	GBD02, GDD07, GDE11	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
GRPHON-PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	GBD02, GDD07, GDE11	63G-3A	40 CFR Part 63, Subpart G	Electing Control = Electing to control the process vent to the levels required in 40 CFR § 63.113(a)(1) without calculating the TRE index value., Control Device = Flare
GRPHON-PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	GBD02, GDD07, GDE11	63G-3B	40 CFR Part 63, Subpart G	Electing Control = Electing to control the process vent to the levels required in 40 CFR § 63.113(a)(2) without calculating the TRE index value, Control Device = Thermal incinerator.
GRPLOADOUT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CMDC01, CPFAN01, EMDC01, EPFAN01	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPPELLET	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	CMFAN01, CMFAN02, EMFAN01, EMFAN02	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPSKIMMER	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	ZWFOS01, ZWFOS02	R5131-2	30 TAC Chapter 115, Water Separation	No changing attributes.
GRPUNLOAD	LOADING/UNLOADING OPERATIONS	DMSUNLOAD, RLUNLOAD-A, RLUNLOAD-B, TKUNLOAD-A, TKUNLOAD-B	R5212-3	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
GRPUNLOAD	LOADING/UNLOADING OPERATIONS	DMSUNLOAD, RLUNLOAD-A, RLUNLOAD-B, TKUNLOAD-A, TKUNLOAD-B	R5212-6	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
G_FUG	FUGITIVE EMISSION UNITS	N/A	60VVA-ALL	40 CFR Part 60, Subpart VVa	No changing attributes.



G_FUG	FUGITIVE EMISSION UNITS	N/A	63H-ALL	40 CFR Part 63, Subpart H	No changing attributes.
MEOHUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-3	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
MEOHUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-6	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
MEOHUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
O-REGEN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-5	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
O-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
O-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Smokeless flare
O-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-16A	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ Executive Director.

O-VENTGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-20	30 TAC Chapter 115, Vent Gas Controls	Alternate Control Requirement = Alternate control is not used., Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
O_FUG	FUGITIVE EMISSION UNITS	N/A	60VVA-ALL	40 CFR Part 60, Subpart VVa	No changing attributes.
O_FUG	FUGITIVE EMISSION UNITS	N/A	63YY-ALL	40 CFR Part 63, Subpart YY	No changing attributes.
PE-REGEN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
PE-REGEN	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-9	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROEXTRUD	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-02	40 CFR Part 60, Subpart DDD	No changing attributes.
PROGRANUL1	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-02	40 CFR Part 60, Subpart DDD	No changing attributes.
PROGRANUL2	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-02	40 CFR Part 60, Subpart DDD	No changing attributes.
PROGRANUL3	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-03	40 CFR Part 60, Subpart DDD	No changing attributes.
PROLDOUT1	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-02	40 CFR Part 60, Subpart DDD	No changing attributes.

PROLDOUT2	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-03	40 CFR Part 60, Subpart DDD	No changing attributes.
PROMEGCMPU	CHEMICAL MANUFACTURING PROCESS	N/A	63F-1	40 CFR Part 63, Subpart F	No changing attributes.
PROPELLET	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-02	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPEMCPU	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-MCPU	40 CFR Part 63, Subpart FFFF	No changing attributes.
RAD02	STORAGE TANKS/VESSELS	N/A	R5112-11	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
RJT01	MISCELLANEOUS UNITS	N/A	60NNN-1	40 CFR Part 60, Subpart NNN	No changing attributes.
RJT01	MISCELLANEOUS UNITS	N/A	65CAR-BLR	40 CFR Part 65, Subpart D	Control Device Type: Steam Generating Unit (Boiler)
RJT01	MISCELLANEOUS UNITS	N/A	65CAR-FL	40 CFR Part 65, Subpart D	Control Device Type: Flare
RJT01	MISCELLANEOUS UNITS	N/A	65CAR-INC	40 CFR Part 65, Subpart D	Control Device Type: Thermal Incinerator
RLOAD-C3	LOADING/UNLOADING OPERATIONS	N/A	R5212-7	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
RLOAD-C3	LOADING/UNLOADING OPERATIONS	N/A	R5212-8	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
RLOAD-HFO	LOADING/UNLOADING OPERATIONS	N/A	R5212-5	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

SLOPUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-3	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
SLOPUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-6	30 TAC Chapter 115, Loading and Unloading of VOC	Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
SLOPUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
TLOAD-SLOP	LOADING/UNLOADING OPERATIONS	N/A	R5212-5	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
UCCT01	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63YY-CT	40 CFR Part 63, Subpart YY	No changing attributes.
UFF01A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
UFF01B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
UFFLARE01	FLARES	N/A	R1111-2A	30 TAC Chapter 111, Visible Emissions	No changing attributes.
UFFLARE01	FLARES	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
UFFLARE02	FLARES	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
UFFLARE02	FLARES	N/A	60A-1	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
UFFLARE02	FLARES	N/A	60A-2	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than

					400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
UFFLARE02	FLARES	N/A	60A-3	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
UFFLARE02	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
UFFLARE02	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
UFFLARE02	FLARES	N/A	63A-3	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
U_FUG	FUGITIVE EMISSION UNITS	N/A	60DDD-ALL	40 CFR Part 60, Subpart DDD	No changing attributes.
U_FUG	FUGITIVE EMISSION UNITS	N/A	60VVA-ALL	40 CFR Part 60, Subpart VVa	No changing attributes.
U_FUG	FUGITIVE EMISSION UNITS	N/A	63FFFF-ALL	40 CFR Part 63, Subpart FFFF	No changing attributes.
U_FUG	FUGITIVE EMISSION UNITS	N/A	63H-ALL	40 CFR Part 63, Subpart H	No changing attributes.
U_FUG	FUGITIVE EMISSION	N/A	63YY-ALL	40 CFR Part 63, Subpart YY	No changing attributes.

	UNITS				
U_LAB	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
WASHUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
WASHUNLOAD	LOADING/UNLOADING OPERATIONS	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
ZMTK01	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
ZTD08	STORAGE TANKS/VESSELS	N/A	R5112-26	30 TAC Chapter 115, Storage of VOCs	Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare, Construction Date = On or after May 12, 1973, Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria., Product Stored = VOC other than crude oil or condensate, Storage Capacity = Capacity is greater than 25,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 11 psia
ZTD08	STORAGE TANKS/VESSELS	N/A	R5112-26A	30 TAC Chapter 115, Storage of VOCs	Alternate Control Requirement = Using alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria, and demonstrating substantially equivalent reduction efficiencies approved by the TCEQ executive director.

ZTD08	STORAGE TANKS/VESSELS	N/A	R5112-27	30 TAC Chapter 115, Storage of VOCs	Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Direct-flame incinerator, Construction Date = On or after May 12, 1973, Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria., Product Stored = VOC other than crude oil or condensate, Storage Capacity = Capacity is greater than 25,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 11 psia
ZTD08	STORAGE TANKS/VESSELS	N/A	R5112-30	30 TAC Chapter 115, Storage of VOCs	Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Other control device, Construction Date = On or after May 12, 1973, Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria., Product Stored = VOC other than crude oil or condensate, Storage Capacity = Capacity is greater than 25,000 gallons, True Vapor Pressure = True vapor pressure is greater than or equal to 11 psia
ZTD08	STORAGE TANKS/VESSELS	N/A	63FFFF-5	40 CFR Part 63, Subpart FFFF	Prior Eval = The data from a prior evaluation or assessment is not being used., Bypass Line = No bypass lines., Emission Standard = HAP vapor pressure is less than 76.6 and a flare is being used for control per § 63.2470(a)-Table

					4.1.b.iii., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or a waiver was not requested., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., Determined HAL = The emission stream is determined not to be halogenated.
ZTD08	STORAGE TANKS/VESSELS	N/A	63FFFF-5A	40 CFR Part 63, Subpart FFFF	Prior Eval = The data from a prior evaluation or assessment is not being used., Bypass Line = No bypass lines., Emission Standard = HAP vapor pressure is less than 76.6 and a flare is being used for control per § 63.2470(a)-Table 4.1.b.iii., Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or a waiver was not requested., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., Designated HAL = The emission stream is not designated as halogenated., Determined HAL = The emission stream is determined not to be halogenated.
ZTD08	STORAGE TANKS/VESSELS	N/A	63FFFF-6	40 CFR Part 63, Subpart FFFF	HAL Device Type = No halogen scrubber or other halogen reduction device is used., Prior Test = The data from a prior performance test is not used., Test Waiver = The Administrator has not granted a waiver of the performance test or no waiver has been requested., Bypass



					<p>Line = No bypass lines., Designated HAL = The emission stream is not designated as halogenated., Determined HAL = The emission stream is determined not to be halogenated., Emission Standard = HAP vapor pressure is &lt; 76.6 and a non-flare CD is being used to meet a ppmv standard per § 63.2470(a)-Table 4.1.b.ii, SS Device Type = Incinerator other than a catalytic incinerator., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., CEMS = A continuous parameter monitoring system is used., Meets 63.998(b)(2) = The control device does not meet criteria in § 63.985(b)(2)., Formaldehyde = The stream does not contain formaldehyde.</p>
ZTD08	STORAGE TANKS/VESSELS	N/A	63FFFF-7	40 CFR Part 63, Subpart FFFF	<p>HAL Device Type = No halogen scrubber or other halogen reduction device is used., Prior Test = The data from a prior performance test is not used., Test Waiver = The Administrator has not granted a waiver of the performance test or no waiver has been requested., Bypass Line = No bypass lines., Designated HAL = The emission stream is not designated as halogenated., Determined HAL = The emission stream is determined not to be halogenated., Emission Standard =</p>

					HAP vapor pressure is < 76.6 and a non-flare CD is being used to meet 95% reduction per § 63.2470(a)-Table 4.1.b.ii, SS Device Type = Boiler or process heater with a design heat input capacity equal to or greater than 44 megawatts (MW) or in which all vent streams are introduced with the primary fuel or are used as the primary fuel., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., CEMS = A continuous parameter monitoring system is used., Meets 63.998(b)(2) = The control device meets criteria in § 63.985(b)(2)., Formaldehyde = The stream does not contain formaldehyde.
ZTD08	STORAGE TANKS/VESSELS	N/A	63FFFF-8	40 CFR Part 63, Subpart FFFF	HAL Device Type = No halogen scrubber or other halogen reduction device is used., Prior Test = The data from a prior performance test is not used., Test Waiver = The Administrator has not granted a waiver of the performance test or no waiver has been requested., Bypass Line = No bypass lines., Designated HAL = The emission stream is not designated as halogenated., Determined HAL = The emission stream is determined not to be halogenated., Emission Standard = HAP vapor pressure is < 76.6 and a non-flare CD is being used to meet

					95% reduction per § 63.2470(a)-Table 4.1.b.ii, SS Device Type = Incinerator other than a catalytic incinerator., Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested., Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure., CEMS = A continuous parameter monitoring system is used., Meets 63.998(b)(2) = The control device does not meet criteria in § 63.985(b)(2)., Formaldehyde = The stream does not contain formaldehyde.
ZTD12	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-1	30 TAC Chapter 115, Water Separation	No changing attributes.
ZTD12	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	61FF-10	40 CFR Part 61, Subpart FF	Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE, Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349, Alternate Monitoring Parameters = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART FF, Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC), By-Pass Line = THE CLOSED VENT SYSTEM HAS

					NO BY-PASS LINE, Engineering Calculations = ENGINEERING CALCULATIONS ARE USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE, Control Device Type/Operation = THERMAL VAPOR INCINERATOR REDUCING ORGANICS BY 95 WEIGHT PERCENT OR GREATER
ZTD12	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	61FF-11	40 CFR Part 61, Subpart FF	Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE, Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349, Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC), By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE, Control Device Type/Operation = FLARE
ZTD12	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	61FF-11A	40 CFR Part 61, Subpart FF	Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE, Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349, Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC), By-Pass Line = THE CLOSED VENT SYSTEM HAS

					NO BY-PASS LINE, Control Device Type/Operation = FLARE
ZTD12	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	61FF-12	40 CFR Part 61, Subpart FF	Fuel Gas System = GASEOUS EMISSIONS ARE ROUTED TO A FUEL GAS SYSTEM
ZTTK02	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
ZTTK03	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
ZTTK04	STORAGE TANKS/VESSELS	N/A	R5112-20	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
ZTTK04	STORAGE TANKS/VESSELS	N/A	60Kb-35	40 CFR Part 60, Subpart Kb	No changing attributes.
ZTTK04	STORAGE TANKS/VESSELS	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
ZTTK04	STORAGE TANKS/VESSELS	N/A	63YY-1	40 CFR Part 63, Subpart YY	No changing attributes.
ZTTK05	STORAGE TANKS/VESSELS	N/A	R5112-20	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
ZTTK05	STORAGE TANKS/VESSELS	N/A	60Kb-35	40 CFR Part 60, Subpart Kb	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)
ADMINGEN	EU	60III-3	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ADMINGEN	EU	60III-3	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

						NMHC+NOx emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
ADMINGEN	EU	60IIII-3	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW- hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ADMINGEN	EU	63ZZZZ- 10	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)- (ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
C- VENTGAS	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

						Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).			
C-VENTGAS	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
C-VENTGAS	EP	R5121-16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None



						substantially equivalent.			
C-VENTGAS	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
CCD81-LOAD	EU	R5212-11	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

					§ 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)		§ 60.485(f) § 60.562-2(d)	§ 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(a)(2) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-2(a)(1) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a)	Comply with the requirements in as stated in §60.482-5 for sampling connection	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e)

					[G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	systems.		§ 60.562-2(e)	§ 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

					§ 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)				
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements in as stated in §60.482-8	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

					§ 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	for pressure relief devices in light-liquid or heavy-liquid service.	[G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(e) § 60.562-2(e) § 60.565(l)
C_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) [G]§ 60.482-1(e) § 60.486(k)	Comply with the requirements in as stated in §60.482-1(e) for equipment in VOC service < 300 hours/year.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(6) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
C_FUG	EU	63FFFF-ALL	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a)-Table 6 § 63.1019(d) § 63.1022(a) § 63.1022(b) § 63.1022(b)(1) § 63.1022(b)(3) § 63.1022(b)(4) § 63.1022(b)(5) § 63.1022(c)(1) [G]§ 63.1022(c)(2) § 63.1022(d)(1) § 63.1022(e) § 63.1023(a) § 63.1023(e)(1) § 63.1024(a) [G]§ 63.1024(c) [G]§ 63.1024(d) § 63.1024(e) § 63.1025(a)(1) § 63.1025(b)(2) [G]§ 63.1025(b)(4) § 63.1025(d)(1) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(2) [G]§ 63.1027(b) § 63.1027(d) [G]§ 63.1028(c)	For equipment in organic HAP service, comply with the requirements of 40 CFR Part 63, Subpart UU except as specified in 63.2480.	[G]§ 63.1022(c)(4) § 63.1023(a) [G]§ 63.1023(a)(1) § 63.1023(a)(2)(i) § 63.1023(a)(2)(iii) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(d) § 63.1025(a)(2) § 63.1025(b) § 63.1025(b)(1) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1025(c) [G]§ 63.1025(d)(2) [G]§ 63.1025(e) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(4) § 63.1026(e)(5) § 63.1026(e)(6) [G]§ 63.1027(b) § 63.1027(c) [G]§ 63.1027(e) [G]§ 63.1028(c) [G]§ 63.1028(e)(1) § 63.1028(e)(4) § 63.1028(e)(5)	§ 63.1022(b)(5) § 63.1022(c)(3) [G]§ 63.1022(c)(4) § 63.1022(d)(2) [G]§ 63.1022(f) § 63.1023(e)(2) [G]§ 63.1024(d) [G]§ 63.1024(f) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1026(b) [G]§ 63.1026(e)(1) [G]§ 63.1027(b) [G]§ 63.1028(e)(1) § 63.1031(d)(2) [G]§ 63.1035(d)(2) § 63.1035(d)(3) [G]§ 63.1035(e) § 63.1038(a) [G]§ 63.1038(b) [G]§ 63.1038(c)(1) [G]§ 63.1038(c)(2) § 63.1038(c)(3) [G]§ 63.1038(c)(4) [G]§ 63.1038(c)(6) [G]§ 63.1038(c)(7) [G]§ 63.2480(e)(3) [G]§ 63.2480(e)(6) [G]§ 63.2480(e)(7) § 63.2525(a) [G]§ 63.2525(q)	[G]§ 63.1025(b)(4) § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) [G]§ 63.1039(b)(1) § 63.1039(b)(2) § 63.1039(b)(3) § 63.1039(b)(4) § 63.1039(b)(5) § 63.1039(b)(6) § 63.1039(b)(8) § 63.2515(a) § 63.2515(b)(2) § 63.2515(c) § 63.2515(d) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(15) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) § 63.2520(e)(9) [G]§ 63.2520(h) [G]§ 63.2520(i)

					§ 63.1028(d) [G]§ 63.1028(e)(1) § 63.1028(e)(2) § 63.1028(e)(6) [G]§ 63.1029 [G]§ 63.1031(b) § 63.1031(c) § 63.1031(d)(1) [G]§ 63.1031(f) § 63.1032(b) [G]§ 63.1032(c) § 63.1032(d) [G]§ 63.1033 [G]§ 63.1035(a) § 63.1035(b) § 63.1035(c) § 63.1035(d) § 63.1035(d)(1) [G]§ 63.1035(d)(5) [G]§ 63.1035(d)(7) [G]§ 63.1035(d)(8) § 63.2450(a)(2) [G]§ 63.2480(b) § 63.2480(e) § 63.2480(e)(1) [G]§ 63.2480(e)(2) [G]§ 63.2480(e)(3) [G]§ 63.2480(e)(6) [G]§ 63.2480(e)(7) [G]§ 63.2480(f)(18)		§ 63.1028(e)(7) [G]§ 63.1029 § 63.1031(c) [G]§ 63.1035(d)(2) § 63.1035(d)(4) [G]§ 63.1035(d)(6) [G]§ 63.2480(e)(2) [G]§ 63.2480(e)(3)	§ 63.2525(t)	
DREFUSTN	EU	R5212-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
E-VENTGAS	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

						affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).			
E-VENTGAS	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
E-VENTGAS	EP	R5121-16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None

E-VENTGAS	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)



					§ 60.562-2(d) § 60.562-2(e)				
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(a)(2) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-2(a)(1) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e)	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

					§ 60.486(k) § 60.562-2(d) § 60.562-2(e)				
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.482-9(a)	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

					§ 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)				
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid or heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
E_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) [G]§ 60.482-1(e)	Comply with the requirements in as	None	[G]§ 60.486(a) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b)

					§ 60.486(k)	stated in §60.482-1(e) for equipment in VOC service < 300 hours/year.		§ 60.486(e)(1) § 60.486(e)(6) § 60.486(j)	[G]§ 60.487(c) § 60.487(e)
E_FUG	EU	63FFFF-ALL	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a)-Table 6 § 63.1019(d) § 63.1022(a) § 63.1022(b) § 63.1022(b)(1) § 63.1022(b)(3) § 63.1022(b)(4) § 63.1022(b)(5) § 63.1022(c)(1) [G]§ 63.1022(c)(2) § 63.1022(d)(1) § 63.1022(e) § 63.1023(a) § 63.1023(e)(1) § 63.1024(a) [G]§ 63.1024(c) [G]§ 63.1024(d) § 63.1024(e) § 63.1025(a)(1) § 63.1025(b)(2) [G]§ 63.1025(b)(4) § 63.1025(d)(1) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(2) [G]§ 63.1027(b) § 63.1027(d) [G]§ 63.1028(c) § 63.1028(d) [G]§ 63.1028(e)(1) § 63.1028(e)(2) § 63.1028(e)(6) [G]§ 63.1029 [G]§ 63.1031(b) § 63.1031(c) § 63.1031(d)(1) [G]§ 63.1031(f) § 63.1032(b) [G]§ 63.1032(c) § 63.1032(d) [G]§ 63.1033 [G]§ 63.1035(a) § 63.1035(b) § 63.1035(c)	For equipment in organic HAP service, comply with the requirements of 40 CFR Part 63, Subpart UU except as specified in 63.2480.	[G]§ 63.1022(c)(4) § 63.1023(a) [G]§ 63.1023(a)(1) § 63.1023(a)(2)(i) § 63.1023(a)(2)(iii) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(d) § 63.1025(a)(2) § 63.1025(b) § 63.1025(b)(1) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1025(c) [G]§ 63.1025(d)(2) [G]§ 63.1025(e) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(4) § 63.1026(e)(5) § 63.1026(e)(6) [G]§ 63.1027(b) § 63.1027(c) [G]§ 63.1027(e) [G]§ 63.1028(c) [G]§ 63.1028(e)(1) § 63.1028(e)(4) § 63.1028(e)(5) § 63.1028(e)(7) [G]§ 63.1029 § 63.1031(c) [G]§ 63.1035(d)(2) § 63.1035(d)(4) [G]§ 63.1035(d)(6) [G]§ 63.2480(e)(2) [G]§ 63.2480(e)(3)	§ 63.1022(b)(5) § 63.1022(c)(3) [G]§ 63.1022(c)(4) § 63.1022(d)(2) [G]§ 63.1022(f) § 63.1023(e)(2) [G]§ 63.1024(d) [G]§ 63.1024(f) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1026(b) [G]§ 63.1026(e)(1) [G]§ 63.1027(b) [G]§ 63.1028(e)(1) § 63.1031(d)(2) [G]§ 63.1035(d)(2) § 63.1035(d)(3) [G]§ 63.1035(e) § 63.1038(a) [G]§ 63.1038(b) [G]§ 63.1038(c)(1) [G]§ 63.1038(c)(2) § 63.1038(c)(3) [G]§ 63.1038(c)(4) [G]§ 63.1038(c)(6) [G]§ 63.1038(c)(7) [G]§ 63.2480(e)(3) [G]§ 63.2480(e)(6) [G]§ 63.2480(e)(7) § 63.2525(a) [G]§ 63.2525(q) § 63.2525(t)	[G]§ 63.1025(b)(4) § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) [G]§ 63.1039(b)(1) § 63.1039(b)(2) § 63.1039(b)(3) § 63.1039(b)(4) § 63.1039(b)(5) § 63.1039(b)(6) § 63.1039(b)(8) § 63.2515(a) § 63.2515(b)(2) § 63.2515(c) § 63.2515(d) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(15) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) § 63.2520(e)(9) [G]§ 63.2520(h) [G]§ 63.2520(i)

					§ 63.1035(d) § 63.1035(d)(1) [G]§ 63.1035(d)(5) [G]§ 63.1035(d)(7) [G]§ 63.1035(d)(8) § 63.2450(a)(2) [G]§ 63.2480(b) § 63.2480(e) § 63.2480(e)(1) [G]§ 63.2480(e)(2) [G]§ 63.2480(e)(3) [G]§ 63.2480(e)(6) [G]§ 63.2480(e)(7) [G]§ 63.2480(f)(18)				
G-VENTGAS	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
G-VENTGAS	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GAD03	EU	R5112-14	VOC	30 TAC Chapter 115, Storage of	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or	** See Periodic Monitoring Summary	None	None

				VOCs		condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).			
GBD05	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GBD05	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GBD05	EP	63G-5A	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2)

									§ 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GBD05	EP	63G-5B	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GBX02	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

						100,000 acfm unless a CEMS is installed.			
GED03	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GED03	EP	63G-2A	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 60.662(b) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(1) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.114(d)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GED03	EP	63G-2B	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 60.662(a) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt. % or to a concentration of 20 ppm by volume; whichever is less stringent or as	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.114(d)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(a)(3)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3)



						specified. §63.113(a)(2)(i)-(ii)		[G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GFFLARE01	CD	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
GFFLARE01	CD	60A-1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
GFFLARE01	CD	60A-2	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None
GFFLARE01	CD	60A-3	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3)	None	None

					§ 60.18(c)(4)(ii) § 60.18(c)(6) § 60.18(e)		§ 60.18(f)(4)		
GFFLARE01	CD	63A-1	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
GFFLARE01	CD	63A-2	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
GFFLARE01	CD	63A-3	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(ii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
GLYUNLOAD	EU	R5212-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

						vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.			
GLYUNLOAD	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(a) § 63.2334(a) § 63.2338(b)(2) § 63.2342(a)(2) § 63.2350(a) § 63.2350(d)	For each transfer rack that only unloads organic liquids, keep documentation that verifies the transfer rack is not required to be controlled.	None	§ 63.2343(a)	None
GRPBLRST K	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPBOILER	EU	60Db-1	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.44b(l)(2) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities with a low heat release rate and combusting natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels, a limit determined by use of the specified formula.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
GRPBOILER	EU	60Db-1	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

						unit > 29 MW (100 MMBtu/hr).			
GRPBOILER	EU	60Db-1	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
GRPBOILER	EU	60Db-1	SO <sub>2</sub>	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	Units firing only very low sulfur oil and/or a mixture of gaseous fuels with a potential SO <sub>2</sub> emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO <sub>2</sub> emissions limit in §60.42b(k)(1).	§ 60.47b(f) ** See Alternative Requirement	§ 60.45b(k) § 60.49b(o) § 60.49b(r) [G]§ 60.49b(r)(2)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) [G]§ 60.49b(r)(2)
GRPBOILER	EU	60Db-2	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
GRPBOILER	EU	60Db-2	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

						unit > 29 MW (100 MMBtu/hr).			
GRPBOILER	EU	60Db-2	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
GRPBOILER	EU	60Db-2	SO <sub>2</sub>	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	Units firing only very low sulfur oil and/or a mixture of gaseous fuels with a potential SO <sub>2</sub> emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO <sub>2</sub> emissions limit in §60.42b(k)(1).	§ 60.47b(f) ** See Alternative Requirement	§ 60.45b(k) § 60.49b(o) § 60.49b(r) [G]§ 60.49b(r)(2)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) [G]§ 60.49b(r)(2)
GRPBOILER	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a) § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	For a new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio, conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7560	[G]§ 63.7540(a)(10)(vi) § 63.7540(b) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
GRPBOILER	EU	63DDDDD-2	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a) § 63.7500(a)(1)	For a new or existing boiler or process heater without a	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) § 63.7540(a)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2)	[G]§ 63.7540(a)(10)(vi) § 63.7540(b) § 63.7545(a) § 63.7545(c)

					§ 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater, conduct of tune-up of the boiler or process heater annually as specified in § 63.7540.	[G]§ 63.7540(a)(10) § 63.7540(a)(13)	[G]§ 63.7560	§ 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
GRPCPEBP L	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPCPEBP L	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPCPEBP L	EP	R5121-16A	VOC	30 TAC Chapter 115, Vent Gas	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun,	[G]§ 115.125 § 115.126(2) ** See Alternative	§ 115.126 § 115.126(2)	None

				Controls		Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.	Requirement		
GRPCPEBP L	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPCPEBP L	EP	63FFFF-14	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.11(b) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii)

					§ 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)		[G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.998(a)(1)(iii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
GRPCPEBP L	EP	63FFFF- 14A	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) [G]§ 63.2450(e)(5) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.2535(m)(2) [G]§ 63.670 § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) [G]§ 63.671 § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) [G]§ 63.2525(m) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) [G]§ 63.998(d)(1) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.2520(d)(3) [G]§ 63.2520(e)(11) § 63.987(b)(1) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii)
GRPCPEBP L	EP	63FFFF- 15	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2460(a)-Table 2.1.c § 63.2460(b)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3)



					§ 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	specified in §63.2460(b) and (c).	§ 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)	§ 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPCPEBP L	EP	63FFFF-16	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) [G]§ 63.998(b)(3)

					§ 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(c)(3)	applicable requirement specified in §63.2460(b) and (c).	§ 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	[G]§ 63.983(d)(2) § 63.996(c)(2)(ii) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPCPEBP L	EP	63FFFF- 17	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)- Table 2.1.a § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) [G]§ 63.2525(d) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

					§ 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)		§ 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(ii) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)	§ 63.998(d)(3)(ii) § 63.998(d)(5)	
GRPCPEBP V	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPCPEBP V	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(c)(1) § 115.121(c)(1)	For all persons in Aransas, Bexar, Calhoun,	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

				Controls	§ 115.122(c)(1)(B) § 60.18	Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	** See CAM Summary		
GRPCPEBP V	EP	R5121-16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None
GRPCPEBP V	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

						requirements specified in §115.122(c)(1)(A)-(C).			
GRPCPEBP V	EP	63FFFF-10	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.11(b) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
GRPCPEBP V	EP	63FFFF-10A	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) [G]§ 63.2450(e)(5) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.2535(m)(2) [G]§ 63.670 § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) [G]§ 63.671 § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) [G]§ 63.2525(m) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) [G]§ 63.998(d)(1) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.2520(d)(3) [G]§ 63.2520(e)(11) § 63.987(b)(1) § 63.999(c)(1) § 63.999(c)(2)(i)

							§ 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)		
GRPCPEBP V	EP	63FFFF- 11	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

							[G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)		
GRPCPEBP V	EP	63FFFF- 12	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) § 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(c)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.996(c)(2)(ii) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPCPEBP V	EP	63FFFF- 13	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)-Table 2.1.a § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) [G]§ 63.2525(d) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

					§ 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)		[G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(ii) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)	§ 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	
GRPCPECP V	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)- (C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None



GRPCPECP V	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPCPECP V	EP	R5121-16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None
GRPCPECP V	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1)	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

						must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).			
GRPCPECP V	EP	63FFFF-1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
GRPCPECP V	EP	63FFFF-1A	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.2450(b) [G]§ 63.2450(e)(5) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.2535(m)(2) [G]§ 63.670 § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) [G]§ 63.671 § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) [G]§ 63.2525(m) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.998(d)(1) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2520(d)(3) [G]§ 63.2520(e)(11) § 63.987(b)(1) § 63.997(c)(3) § 63.999(c)(2)(i)
GRPCPECP V	EP	63FFFF-2	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a)	For each Group 1 continuous process vent, the owner or operator must	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1)	§ 63.2450(k)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2)	§ 63.2450(q) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6)

					§ 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	reduce emissions of total organic HAP by greater than or equal to 98 percent by weight by venting emissions through a closed-vent system to any combination of control devices (except flare).	§ 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(ii) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)	§ 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPCPECP V	EP	63FFFF-3	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by greater than or equal to 98 percent by weight by venting	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1)	§ 63.2450(k)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.996(c)(2)(ii) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5)	§ 63.2450(q) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i)

					§ 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(c)(3)	emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	[G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPCPECP V	EP	63FFFF-4	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	For each Group 1 continuous process vent, the owner or operator must reduce emissions to an outlet process concentration less than or equal to 20 ppmv as organic HAP or TOC by venting emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i)	§ 63.2450(k)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

							§ 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)		
GRPEMPEB PL	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPEMPEB PL	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPEMPEB PL	EP	R5121-16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None

						continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.			
GRPEMPEB PL	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPEMPEB PL	EP	63FFFF-14	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.11(b) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1)

					§ 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)		§ 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	[G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.999(d)(2)
GRPEMPEB PL	EP	63FFFF- 14A	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) [G]§ 63.2450(e)(5) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.2535(m)(2) [G]§ 63.670 § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) [G]§ 63.671 § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) [G]§ 63.2525(m) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) [G]§ 63.998(d)(1) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.2520(d)(3) [G]§ 63.2520(e)(11) § 63.987(b)(1) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii)
GRPEMPEB PL	EP	63FFFF- 15	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(B)(1) § 63.998(a)(2)(B)(4) [G]§ 63.998(b)(1)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i)

					§ 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)		§ 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)	[G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.999(c)(2)(iii) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPEMPEB PL	EP	63FFFF- 16	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.996(c)(2)(ii) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i)



					§ 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(c)(3)		§ 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(iii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	[G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.999(c)(2)(iii) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPEMPEB PL	EP	63FFFF- 17	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)-Table 2.1.a § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(b)(4) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) [G]§ 63.2525(d) § 63.2525(g) § 63.983(a)(3)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(2)(iii) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

							§ 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(ii) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)		
GRPEMPEB PV	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPEMPEB PV	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

						affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).			
GRPEMPEB PV	EP	R5121- 16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None
GRPEMPEB PV	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

GRPEMPEB PV	EP	63FFFF- 10	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.11(b) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(iii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
GRPEMPEB PV	EP	63FFFF- 10A	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) [G]§ 63.2450(e)(5) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.2535(m)(2) [G]§ 63.670 § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) [G]§ 63.671 § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) [G]§ 63.2525(m) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) [G]§ 63.998(d)(1) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.2520(d)(3) [G]§ 63.2520(e)(11) § 63.987(b)(1) § 63.999(c)(1) § 63.999(c)(2)(i)
GRPEMPEB	EP	63FFFF-	112(B)	40 CFR Part 63,	§ 63.2460(a)	You must meet each emission limit	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii)	§ 63.2450(q) § 63.2460(c)(3)(i)

PV		11	HAPS	Subpart FFFF	§ 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	§ 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)	§ 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPEMPEB PV	EP	63FFFF-12	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)-Table	You must meet each emission limit in Table 2 to this	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.996(b)(2)

					2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(c)(3)	subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	§ 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	§ 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.996(c)(2)(ii) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.996(c)(6) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPEMPEB PV	EP	63FFFF-13	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(a)-Table 2.1.a § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) [G]§ 63.2525(d) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

					[G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)		§ 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(ii) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)	§ 63.998(d)(5)	
GRPEMPEC PV	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)- (C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPEMPEC PV	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, San Patricio, and Travis	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

						Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).			
GRPEMPEC PV	EP	R5121- 16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None
GRPEMPEC PV	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None



						§115.122(c)(1)(A)-(C).			
GRPEMPEC PV	EP	63FFFF-1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) § 63.983(d)(2) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
GRPEMPEC PV	EP	63FFFF-1A	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.2450(b) [G]§ 63.2450(e)(5) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.2535(m)(2) [G]§ 63.670 § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) [G]§ 63.671 § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) [G]§ 63.2525(m) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) [G]§ 63.998(d)(1) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2520(d)(3) [G]§ 63.2520(e)(11) § 63.987(b)(1) § 63.997(c)(3) § 63.999(c)(2)(i)
GRPEMPEC PV	EP	63FFFF-2	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by greater than or equal to 98 percent by weight	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.983(b)	§ 63.2450(k)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1)	§ 63.2450(q) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2)

					§ 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	by venting emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(ii) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)	§ 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
GRPEMPEC PV	EP	63FFFF-3	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by greater than or equal to 98 percent by weight by venting emissions through a closed-vent system to any combination of control devices	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3)	§ 63.2450(k)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.996(c)(2)(ii) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i)	§ 63.2450(q) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

					§ 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(c)(3)	(except flare).	§ 63.983(d)(1) § 63.983(d)(1)(ii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	§ 63.998(d)(3)(ii) § 63.998(d)(5)	
GRPEMPEC PV	EP	63FFFF-4	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	For each Group 1 continuous process vent, the owner or operator must reduce emissions to an outlet process concentration less than or equal to 20 ppmv as organic HAP or TOC by venting emissions through a closed- vent system to any combination of control devices (except flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B)	§ 63.2450(k)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

							[G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)		
GRPEMRG GEN	EU	60III-3	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPEMRG GEN	EU	60III-3	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPEMRG	EU	60III-3	PM	40 CFR Part 60,	§ 60.4205(b)	Owners and	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

GEN				Subpart IIII	§ 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
GRPEMRG GEN	EU	63ZZZZ-10	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
GRPEQTAN K	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

						from the requirements of §115.121(c)(1) of this title.			
GRPEXTRU D	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPFURNS TK	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPFWP	EU	60III-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as listed in Table 4 to this	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

						subpart.			
GRPFWP	EU	60III-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPFWP	EU	63ZZZZ-10	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
GRPGLYLO AD	EU	R5212-4	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

						specified.			
GRPGLYLO AD	EU	63G-10	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
GRPGLYTA NK	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
GRPGRANU LE	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPHFOTA NK	EU	R5112-21	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
GRPHFOTA NK	EU	R5112-21A	VOC	30 TAC Chapter 115, Storage of	§ 115.113 § 115.910	Alternate means of compliance with the	** See Alternative Requirement	None	None



				VOCs		applicable control requirements or exemption criteria in this division may be approved per 30 TAC §115.910, if emission reductions are substantially equal.			
GRPHFOTA NK	EU	R5112-22	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
GRPHFOTA NK	EU	R5112-25	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
GRPHFOTA NK	EU	63YY-BLR	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e) - Table 7.b.1.ii § 63.1103(e)(1)(i)(A) § 63.1103(e)(3) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d)	For a storage vessel with specified capacity and vapor pressure, reduce emissions of total organic HAP by 98 weight-percent by venting emissions through a closed vent system to any combination of control devices and meet the requirements of §63.982(a)(1).	§ 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.985(a) § 63.985(b)(2)(i) § 63.997(c)(3)	§ 63.1103(e)(10)(iii) § 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d) § 63.983(b) [G]§ 63.983(d)(2) § 63.985(c)(2) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(d)(1) [G]§ 63.998(d)(2) [G]§ 63.998(d)(3) § 63.998(d)(5)	[G]§ 63.1100(g) § 63.1110(a) § 63.1110(a)(1) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g)

					[G]§ 63.1111(a) § 63.982(a)(1) § 63.982(c) § 63.982(c)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.984(a)(1)				[G]§ 63.1110(h) [G]§ 63.1111(b) § 63.985(c)(1) § 63.997(c)(3) [G]§ 63.999(b)(2) § 63.999(c)(1) § 63.999(c)(2)(i) [G]§ 63.999(c)(4) [G]§ 63.999(c)(5)
GRPHFOTA NK	EU	63YY-FL	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e) - Table 7.b.1.ii § 63.11(b) § 63.1103(e)(1)(i)(A) § 63.1103(e)(3) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.982(a)(1) § 63.982(b) § 63.983(a) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	For a storage vessel with specified capacity and vapor pressure, reduce emissions of total organic HAP by 98 weight-percent by venting emissions through a closed vent system to any combination of control devices and meet the requirements of §63.982(a)(1).	[G]§ 63.1108(b)(1) § 63.1108(b)(4) [G]§ 63.1108(b)(4)(i) § 63.1108(b)(4)(ii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) § 63.997(c)(1) § 63.997(c)(1)(ii) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.1103(e)(10)(iii) § 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(1) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.1100(g) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) [G]§ 63.999(c)(4)
GRPHFOTA NK	EU	63YY-FLA	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e) - Table 7.b.1.iii.B § 63.1103(e)(1)(i)(A) § 63.1103(e)(3) § 63.1103(e)(4) § 63.1103(e)(4)(ii)	For a storage vessel with specified capacity and vapor pressure, reduce emissions of total organic HAP by 98	§ 63.1103(e)(4)(ix) § 63.1103(e)(4)(vii) [G]§ 63.1108(b)(1) § 63.1108(b)(4) [G]§ 63.1108(b)(4)(i) [G]§ 63.1108(b)(4)(ii) [G]§ 63.1109(e)	§ 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d) § 63.1109(d)(1) [G]§ 63.1109(e) § 63.983(b)	[G]§ 63.1100(g) § 63.1103(e)(4)(iii) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4)

					§ 63.1103(e)(4)(iii) § 63.1103(e)(4)(iv) § 63.1103(e)(4)(ix) § 63.1103(e)(4)(vii) § 63.1103(e)(4)(vii)(A) § 63.1103(e)(4)(vii)(B) § 63.1103(e)(4)(vii)(C) § 63.1103(e)(4)(vii)(D) § 63.1103(e)(4)(vii)(E) § 63.1103(e)(4)(vii)(F) § 63.1103(e)(4)(xiii) § 63.1108(a)(4)(i) § 63.1108(a)(4)(ii) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.670 § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	weight-percent by venting emissions through a closed vent system to a flare and meet the requirements of §63.983, §63.1103(e)(4), and §63.1103(e)(9).	[G]§ 63.671 § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	[G]§ 63.983(d)(2) [G]§ 63.998(d)(1)(i) [G]§ 63.998(d)(1)(iii) § 63.998(d)(1)(iv) [G]§ 63.998(d)(1) [G]§ 63.998(d)(2)	§ 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) § 63.1110(e) § 63.1110(e)(1) § 63.1110(e)(2) [G]§ 63.1110(e)(4)(iii) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(c) § 63.999(c)(1) § 63.999(c)(2) § 63.999(c)(2)(i) [G]§ 63.999(c)(4)
GRPHFOTA NK	EU	63YY-INC	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e) - Table 7.b.1.ii § 63.1103(e)(1)(i)(A) § 63.1103(e)(3) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.982(a)(1) § 63.982(c) § 63.982(c)(1) § 63.983(a)(1)	For a storage vessel with specified capacity and vapor pressure, reduce emissions of total organic HAP by 98 weight-percent by venting emissions through a closed vent system to any combination of control devices and meet the requirements of §63.982(a)(1).	[G]§ 63.1108(b)(1) § 63.1108(b)(4)(i) § 63.1108(b)(4)(ii) [G]§ 63.1108(b)(4) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.985(a) § 63.985(b) § 63.985(b)(1) § 63.985(b)(1)(ii) § 63.985(c)(2) § 63.997(a) § 63.997(c)(1) § 63.997(c)(1)(ii)	§ 63.1103(e)(10)(iii) § 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(d)(2) § 63.985(c)(2) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(c)(2) [G]§ 63.998(d)(1) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(iii)	[G]§ 63.1100(g) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(a)(9) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) § 63.985(b)(1)

					§ 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.985(a) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)		§ 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)	§ 63.998(d)(5)	§ 63.985(b)(1)(ii) § 63.985(c)(1) § 63.997(c)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(2) § 63.999(c)(1) § 63.999(c)(2)(i) [G]§ 63.999(c)(4) [G]§ 63.999(c)(5)
GRPHFOTA NK	EU	63YY- INC1	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e) - Table 7.b.ii § 63.1103(e)(1)(i)(A) § 63.1103(e)(3) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.982(a)(1) § 63.982(c) § 63.982(c)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.985(a) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	For a storage vessel with specified capacity and vapor pressure, reduce emissions of total organic HAP by 98 weight-percent by venting emissions through a closed vent system to any combination of control devices and meet the requirements of §63.982(a)(1).	[G]§ 63.1108(b)(1) [G]§ 63.1108(b)(4) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.985(b) § 63.985(b)(1) § 63.985(b)(1)(ii) § 63.997(a) § 63.997(c)(1) § 63.997(c)(1)(ii) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)	§ 63.1103(e)(10)(iii) § 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d) [G]§ 63.1110(a)(9) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(d)(2) § 63.985(c)(2) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(c)(2) [G]§ 63.998(d)(1) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.1100(g) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) [G]§ 63.1110(a)(9) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) § 63.1111(b) § 63.985(b)(1) [G]§ 63.985(b)(1)(ii) § 63.985(c)(1) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(2) § 63.999(c)(1) § 63.999(c)(2)(i) [G]§ 63.999(c)(4) [G]§ 63.999(c)(5)

GRPHON-PV	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPHON-PV	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPHON-PV	EP	63G-3A	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 60.702(b) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i)

									[G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPHON- PV	EP	63G-3B	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 60.702(a) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPLOADO UT	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPPELLE T	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

						less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.			
GRPSKIMMER	EU	R5131-2	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(c)(3) § 115.131(c)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(c) of this title.	** See Periodic Monitoring Summary	None	None
GRPUNLOAD	EU	R5212-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	None	None
GRPUNLOAD	EU	R5212-6	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	None	None
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-1a(d) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Equipment that is in vacuum service is excluded from the requirements of §60.482-2a to §60.482-10a, if it is identified as required in §60.486a(e)(5).	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	None
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1)	If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii)	§ 60.482-11a(b)(3)(v) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1)	§ 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i)

					§ 60.482-11a(f)(2) § 60.482-11a(g) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	liquid service, a leak is detected.	§ 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(e)	[G]§ 60.486a(e)(8) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(c)(2)(ix) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(c)(2) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a pressure relief device in light liquid or heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1)



					[G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	measured, a leak is detected.	§ 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-7a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(d) [G]§ 60.482-7a(e) [G]§ 60.482-7a(f) [G]§ 60.482-7a(g) [G]§ 60.482-7a(h) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f)	At a valve in gas vapor service if an instrument reading of 500 ppm or greater is measured, a leak is detected.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) [G]§ 60.482-7a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) § 60.486a(f)(2)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

					§ 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)				
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-6a(a)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-6a(a)(2) § 60.482-6a(b) § 60.482-6a(c) § 60.482-6a(d) § 60.482-6a(e) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in §60.482-1a(c) and paragraphs (d) and (e) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-5a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-5a(b) § 60.482-5a(c) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in §60.482-1a(c) and paragraph (c) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-4a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c) § 60.482-4a(d)(1) § 60.482-4a(d)(2) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as determined by the methods specified in §60.485a(c).	§ 60.482-1a(g) § 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-3a(a) § 60.482-1a(a)	Each compressor shall be equipped	§ 60.482-1a(g) § 60.482-3a(e)(1)	§ 60.482-1a(g) § 60.485a(b)(2)	§ 60.487a(a) § 60.487a(b)

					§ 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i) § 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	with a seal system that includes a barrier fluid system and that prevents leakage of VOC to the atmosphere, except as provided in §60.482-3a(c) and paragraphs (h), (i), and (j) of this section.	§ 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	[G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(b)(1) § 60.487a(b)(4) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-2a(b)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(ii) § 60.482-2a(c)(1) [G]§ 60.482-2a(c)(2) § 60.482-2a(d) [G]§ 60.482-2a(d)(1) § 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e) § 60.482-2a(f) [G]§ 60.482-2a(g) § 60.482-2a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	The instrument reading that defines a leak in a pump in light liquid service is 5,000 parts per million (ppm) or greater for pumps handling polymerizing monomers or 2,000 ppm or greater for all other pumps, as specified in paragraphs (b)(1)(i) and (ii) of this section. §60.482-2a(b)(1)(i)-(ii)	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(2)(i) [G]§ 60.482-2a(d)(4) [G]§ 60.482-2a(d)(5) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) § 60.486a(e)(7) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(3) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
G_FUG	EU	60VVA-	VOC	40 CFR Part 60,	[G]§ 60.482-1a(e)	Equipment that an owner or operator	[G]§ 60.485a(b)(1)	§ 60.485a(b)(2)	None

		ALL		Subpart VVa	§ 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	designates as being in VOC service less than 300 hours (hr)/yr is excluded from the requirements of §§ 60.482-2a through 60.482-11a if it is identified as required in §60.486a(e)(6) and it meets any of the conditions specified in paragraphs (e)(1) through (3) of this section. §60.482-1a(e)(1)-(3)	§ 60.485a(b)(2)	§ 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6)	
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.162(e) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h)	Equipment that is in organic HAP service less than 300 hours per year is excluded from the requirements of §§63.163 - 63.174 and §63.178 if it is identified as required in §63.181(j).	[G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.167 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

					[G]§ 63.175			§ 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) [G]§ 63.181(i)	
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)- (d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)- (d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)- (j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f)	Standards: Connectors in gas/vapor service and in light liquid	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1)

					[G]§ 63.162(g) § 63.162(h) [G]§ 63.171	service. §63.174(a)-(j)		[G]§ 63.181(d)	§ 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.164 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Compressors. §63.164(a)-(i)	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
G_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h)	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4)

					[G]§ 63.171				[G]§ 63.182(d)
MEOHUNLO AD	EU	R5212-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak- free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	None	None
MEOHUNLO AD	EU	R5212-6	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak- free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	None	None
MEOHUNLO AD	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(a) § 63.2334(a) § 63.2338(b)(2) § 63.2342(a)(2) § 63.2350(a) § 63.2350(d)	For each transfer rack that only unloads organic liquids, keep documentation that verifies the transfer rack is not required to be controlled.	None	§ 63.2343(a)	None
O-REGEN	EP	R5121-5	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(2)	A vent gas stream specified in §115.121(c)(2) which emits less than or equal to five tons of total uncontrolled VOC in any one calendar year is exempt from the requirements of §115.121(c)(2) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None
O- VENTGAS	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

						properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).			
O-VENTGAS	EP	R5121-16	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
O-VENTGAS	EP	R5121-16A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(c) § 115.910	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 of this title if emission reductions are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Alternative Requirement	§ 115.126 § 115.126(2)	None
O-VENTGAS	EP	R5121-20	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(c)(1) § 115.121(c)(1)	For all persons in Aransas, Bexar, Calhoun,	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None



				Controls	§ 115.122(c)(1)(C)	Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).			
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-1a(d) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Equipment that is in vacuum service is excluded from the requirements of §60.482-2a to §60.482-10a, if it is identified as required in §60.486a(e)(5).	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	None
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-1a(e) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Equipment that an owner or operator designates as being in VOC service less than 300 hours (hr)/yr is excluded from the requirements of §§ 60.482-2a through 60.482-11a if it is identified as required in §60.486a(e)(6) and it meets any of the conditions specified in paragraphs (e)(1) through (3) of this section. §60.482-1a(e)(1)-(3)	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6)	None
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-2a(b)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(iii) § 60.482-2a(c)(1) [G]§ 60.482-2a(c)(2)	The instrument reading that defines a leak in a pump in light liquid service is 5,000 parts per million (ppm) or greater for pumps handling	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(2)(i) [G]§ 60.482-2a(d)(4)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(3) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii)

					§ 60.482-2a(d) [G]§ 60.482-2a(d)(1) § 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e) § 60.482-2a(f) [G]§ 60.482-2a(g) § 60.482-2a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	polymerizing monomers or 2,000 ppm or greater for all other pumps, as specified in paragraphs (b)(1)(i) and (ii) of this section. §60.482-2a(b)(1)(i)-(ii)	[G]§ 60.482-2a(d)(5) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	[G]§ 60.486a(e)(4) § 60.486a(e)(7) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.486a(h)	§ 60.487a(c)(2)(iv) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-3a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i) § 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each compressor shall be equipped with a seal system that includes a barrier fluid system and that prevents leakage of VOC to the atmosphere, except as provided in §60.482–3a(c) and paragraphs (h), (i), and (j) of this section.	§ 60.482-1a(g) § 60.482-3a(e)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(4) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-4a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c)	Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as	§ 60.482-1a(g) § 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix)

					§ 60.482-4a(d)(1) § 60.482-4a(d)(2) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	indicated by an instrument reading of less than 500 ppm above background, as determined by the methods specified in §60.485a(c).	[G]§ 60.485a(d)	[G]§ 60.486a(e)(8)	§ 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-5a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-5a(b) § 60.482-5a(c) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in §60.482-1a(c) and paragraph (c) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-6a(a)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-6a(a)(2) § 60.482-6a(b) § 60.482-6a(c) § 60.482-6a(d) § 60.482-6a(e) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in §60.482-1a(c) and paragraphs (d) and (e) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-7a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(d) [G]§ 60.482-7a(e) [G]§ 60.482-7a(f) [G]§ 60.482-7a(g) [G]§ 60.482-7a(h) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1)	At a valve in gas vapor service if an instrument reading of 500 ppm or greater is measured, a leak is detected.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) [G]§ 60.482-7a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4)

					§ 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)		[G]§ 60.485a(e)	§ 60.486a(f)(2)	§ 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2)	At a pressure relief device in light liquid or heavy liquid service, if an instrument reading	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1)

					[G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	of 10,000 ppm or greater is measured, a leak is detected.	§ 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(c)(2) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light liquid service, a leak is detected.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(e)	§ 60.482-11a(b)(3)(v) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ix) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
O_FUG	EU	63YY-ALL	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e)-Table 7.f.1 § 63.1019(d) § 63.1022(a)	For equipment defined in Å, Å§63.1101 that	[G]§ 63.1022(c)(4) § 63.1023(a) [G]§ 63.1023(a)(1)	§ 63.1022(b)(5) § 63.1022(c)(3) [G]§ 63.1022(c)(4)	[G]§ 63.1025(b)(4) § 63.1039(a) [G]§ 63.1039(a)(1)

					§ 63.1022(b) § 63.1022(b)(1) § 63.1022(b)(3) § 63.1022(b)(4) § 63.1022(b)(5) § 63.1022(c)(1) [G]§ 63.1022(c)(2) § 63.1022(d)(1) § 63.1022(e) § 63.1023(a) § 63.1023(e)(1) § 63.1024(a) [G]§ 63.1024(c) [G]§ 63.1024(d) § 63.1024(e) § 63.1025(a)(1) § 63.1025(b)(2) [G]§ 63.1025(b)(4) § 63.1025(d)(1) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(2) [G]§ 63.1027(b) § 63.1027(d) [G]§ 63.1028(c) § 63.1028(d) [G]§ 63.1028(e)(1) § 63.1028(e)(2) § 63.1028(e)(6) [G]§ 63.1029 [G]§ 63.1031(b) § 63.1031(c) § 63.1031(d)(1) [G]§ 63.1031(f) § 63.1032(b) [G]§ 63.1032(c) § 63.1032(d) [G]§ 63.1033 [G]§ 63.1035(a) § 63.1035(b) § 63.1035(c) § 63.1035(d) § 63.1035(d)(1) [G]§ 63.1035(d)(5) [G]§ 63.1035(d)(7) [G]§ 63.1035(d)(8) [G]§ 63.1100(d)(5) § 63.1103(e)(1)(i)(D) § 63.1103(e)(3)	contains or contacts > 5 % by wt organic HAP and the equipment is not in vacuum service, comply with the requirements of subpart UU.	§ 63.1023(a)(2)(i) § 63.1023(a)(2)(iii) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(d) § 63.1025(a)(2) § 63.1025(b) § 63.1025(b)(1) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1025(c) [G]§ 63.1025(d)(2) [G]§ 63.1025(e) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(4) § 63.1026(e)(5) § 63.1026(e)(6) [G]§ 63.1027(b) § 63.1027(c) [G]§ 63.1027(e) [G]§ 63.1028(c) [G]§ 63.1028(e)(1) § 63.1028(e)(4) § 63.1028(e)(5) § 63.1028(e)(7) [G]§ 63.1029 § 63.1031(c) [G]§ 63.1035(d)(2) § 63.1035(d)(4) [G]§ 63.1035(d)(6) [G]§ 63.1107(h)(2) [G]§ 63.1107(h)(3) [G]§ 63.1108(b)(4)(i) § 63.1108(b)(4)(ii)	§ 63.1022(d)(2) [G]§ 63.1022(f) § 63.1023(e)(2) [G]§ 63.1024(d) [G]§ 63.1024(f) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1026(b) [G]§ 63.1026(e)(1) [G]§ 63.1027(b) [G]§ 63.1028(e)(1) § 63.1031(d)(2) [G]§ 63.1035(d)(2) § 63.1035(d)(3) [G]§ 63.1035(e) § 63.1038(a) [G]§ 63.1038(b) [G]§ 63.1038(c)(1) [G]§ 63.1038(c)(2) § 63.1038(c)(3) [G]§ 63.1038(c)(4) [G]§ 63.1038(c)(6) [G]§ 63.1038(c)(7) [G]§ 63.1107(h)(3) [G]§ 63.1107(h)(6) [G]§ 63.1107(h)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d)	§ 63.1039(b) [G]§ 63.1039(b)(1) § 63.1039(b)(2) § 63.1039(b)(3) § 63.1039(b)(4) § 63.1039(b)(5) § 63.1039(b)(6) § 63.1039(b)(8) § 63.1109(b) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b)
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					§ 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1107(h) § 63.1107(h)(1) [G]§ 63.1107(h)(2) [G]§ 63.1107(h)(3) [G]§ 63.1107(h)(6) [G]§ 63.1107(h)(7) § 63.1107(h)(8) [G]§ 63.1108(a)(4) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b)(3) § 63.1108(b)(4) § 63.1108(b)(4)(iii) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.1112(a)(1) § 63.1112(b)(1)				
PE-REGEN	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
PE-REGEN	EP	63FFFF-9	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(b)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in	[G]§ 63.1257(d)(2)(i) [G]§ 63.1257(d)(2)(ii) § 63.2460(b)(1) § 63.2460(b)(2) § 63.2460(b)(3) [G]§ 63.2460(b)(4) § 63.2460(b)(7)	§ 63.2460(b)(6)(i) § 63.2460(b)(7)	§ 63.2460(b)(6) § 63.2460(b)(6)(i) § 63.2460(b)(6)(ii) § 63.2460(b)(7)

						§63.2460(b) and (c).			
PROEXTRU D	PRO	60DDD-02	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(g)	Vent streams emitting continuous emissions with uncontrolled annual emissions of < 1.6 Mg/yr (1.76 Tons/yr) or with weight % TOC of < 0.10 % from facilities as specified, exempted from §60.562-1(a)(1).	[G]§ 60.564(d)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7)
PROGRANU L1	PRO	60DDD-02	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(g)	Vent streams emitting continuous emissions with uncontrolled annual emissions of < 1.6 Mg/yr (1.76 Tons/yr) or with weight % TOC of < 0.10 % from facilities as specified, exempted from §60.562-1(a)(1).	[G]§ 60.564(d)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7)
PROGRANU L2	PRO	60DDD-02	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(g)	Vent streams emitting continuous emissions with uncontrolled annual emissions of < 1.6 Mg/yr (1.76 Tons/yr) or with weight % TOC of < 0.10 % from facilities as specified, exempted from §60.562-1(a)(1).	[G]§ 60.564(d)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7)
PROGRANU L3	PRO	60DDD-03	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(ii) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs	[G]§ 60.563(a) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(b)(2) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(l)



						(a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.			
PROLDOUT 1	PRO	60DDD-02	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(g)	Vent streams emitting continuous emissions with uncontrolled annual emissions of < 1.6 Mg/yr (1.76 Tons/yr) or with weight % TOC of < 0.10 % from facilities as specified, exempted from §60.562-1(a)(1).	[G]§ 60.564(d)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7)
PROLDOUT 2	PRO	60DDD-03	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(ii) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs (a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	[G]§ 60.563(a) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(b)(2) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(l)
PROMEGC MPU	PRO	63F-1	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(c)	[G]§ 63.103(c) [G]§ 63.104(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)
PROPELLE T	PRO	60DDD-02	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(g)	Vent streams emitting continuous emissions with uncontrolled annual emissions of < 1.6 Mg/yr (1.76 Tons/yr) or with weight % TOC of <	[G]§ 60.564(d)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7)

						0.10 % from facilities as specified, exempted from §60.562-1(a)(1).			
PROPEMCP U	PRO	63FFFF-MCPU	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l) § 63.2460(c)(1)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d) § 63.2460(c)(2)(v)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2460(c)(1) § 63.2515(a) § 63.2515(b)(2) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
RAD02	EU	R5112-11	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
RJT01	EP	60NNN-1	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(d)(1)	Owners or operators of process vents that are subject to this subpart may	None	None	None

						choose to comply with the provisions of 40 CFR part 65, subpart D, to satisfy the requirements of §§60.662 through 60.665 and 60.668.			
RJT01	EP	65CAR-BLR	VOC	40 CFR Part 65, Subpart D	§ 65.63(a)(2) § 65.1(d) § 65.1(e) § 65.140 § 65.142(b)(2) § 65.143(a)(1) § 65.143(a)(2) [G]§ 65.149(a) § 65.149(b)(2) § 65.149(b)(2)(ii) § 65.3(a)(1) § 65.3(a)(3) § 65.3(a)(4) § 65.3(a)(5) § 65.3(b)(3) [G]§ 65.3(b)(5) § 65.3(c) [G]§ 65.3(d) [G]§ 65.6(b) § 65.62(a) § 65.62(b)(1) § 65.63(a)	For a Group 1 process vent, reduce emissions of regulated material or TOC by at least 98 weight-percent or to a concentration of less than 20 parts per million by volume.	None	§ 65.163(c)(1) § 65.163(c)(2) § 65.4(a)(1) § 65.4(b) § 65.4(c) § 65.4(c)(1) § 65.4(c)(3) [G]§ 65.6(b)	§ 65.165(f) § 65.166(a) [G]§ 65.166(b) § 65.167(b) [G]§ 65.5(a) [G]§ 65.5(b) [G]§ 65.5(d) [G]§ 65.5(e) [G]§ 65.5(f) [G]§ 65.5(g) [G]§ 65.5(h) [G]§ 65.5(i) [G]§ 65.6(c) § 65.67(b)(3)
RJT01	EP	65CAR-FL	VOC	40 CFR Part 65, Subpart D	§ 65.63(a)(1) § 65.1(d) § 65.1(e) § 65.140 § 65.142(b)(1) § 65.143(a)(1) § 65.143(a)(2) [G]§ 65.147(a) § 65.3(a)(1) § 65.3(a)(3) § 65.3(a)(4) § 65.3(a)(5) § 65.3(b)(3) [G]§ 65.3(b)(5) § 65.3(c) [G]§ 65.3(d) [G]§ 65.6(b) § 65.62(a) § 65.62(b)(1) § 65.63(a)	For a Group 1 process vent, reduce emissions of regulated material using a flare meeting the applicable requirements of § 65.142(b).	§ 65.147(b)(1) § 65.147(b)(2) [G]§ 65.147(b)(3) § 65.147(c) [G]§ 65.157(b) [G]§ 65.157(c)	§ 65.147(b)(1) § 65.147(c) § 65.159(a) [G]§ 65.159(b) § 65.159(c) § 65.159(d)(1) § 65.159(d)(2) § 65.161(a)(1) § 65.163(c)(1) § 65.163(c)(2) § 65.4(a)(1) § 65.4(b) § 65.4(c) § 65.4(c)(1) § 65.4(c)(3) [G]§ 65.6(b)	§ 65.147(b)(1) § 65.147(b)(2) § 65.159(d)(1) [G]§ 65.164(a) [G]§ 65.164(b) § 65.166(a) [G]§ 65.166(b) § 65.166(c) § 65.167(b) [G]§ 65.5(a) [G]§ 65.5(b) [G]§ 65.5(d) [G]§ 65.5(e) [G]§ 65.5(f) [G]§ 65.5(g) [G]§ 65.5(h) [G]§ 65.5(i) [G]§ 65.6(c) § 65.67(b)(3)

RJT01	EP	65CAR-INC	VOC	40 CFR Part 65, Subpart D	§ 65.63(a)(2) § 65.1(d) § 65.1(e) § 65.140 § 65.142(b)(2) § 65.143(a)(1) § 65.143(a)(2) § 65.148(a)(1) § 65.148(a)(2) § 65.3(a)(1) § 65.3(a)(3) § 65.3(a)(4) § 65.3(a)(5) § 65.3(b)(3) [G]§ 65.3(b)(5) § 65.3(c) [G]§ 65.3(d) [G]§ 65.6(b) § 65.62(a) § 65.62(b)(1) § 65.63(a)	For a Group 1 process vent, reduce emissions of regulated material or TOC by at least 98 weight-percent or to a concentration of less than 20 parts per million by volume.	§ 65.148(b)(1) § 65.148(c)(1) § 65.148(c)(1)(i) § 65.148(c)(2) [G]§ 65.158(a) [G]§ 65.158(b)	§ 65.148(c)(1) § 65.160(a) § 65.160(b) § 65.160(b)(1)(i) § 65.161(a)(1) [G]§ 65.161(c) [G]§ 65.162(a) [G]§ 65.162(b) § 65.163(c)(1) § 65.163(c)(2) § 65.4(a)(1) § 65.4(b) § 65.4(c) § 65.4(c)(1) § 65.4(c)(3) [G]§ 65.6(b)	§ 65.160(b) § 65.160(b)(1)(i) [G]§ 65.164(a) [G]§ 65.164(b) [G]§ 65.165(c) § 65.166(a) [G]§ 65.166(b) § 65.166(f)(1) § 65.167(b) [G]§ 65.5(a) [G]§ 65.5(b) [G]§ 65.5(d) [G]§ 65.5(e) [G]§ 65.5(f) [G]§ 65.5(g) [G]§ 65.5(h) [G]§ 65.5(i) [G]§ 65.6(c) § 65.67(b)(3)
RLOAD-C3	EU	R5212-7	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(B) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B)	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B)	None
RLOAD-C3	EU	R5212-8	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(B) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B)	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(5) § 115.215(8)	§ 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B)	None

						one of the methods specified in §115.212(b)(1)(A)-(C).	§ 115.215(9)		
RLOAD-HFO	EU	R5212-5	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(3)(A) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Plants, excluding gasoline bulk plants, which load <20,000 gallons of VOC into transport vessels per day with a true vapor pressure of 1.5 psia or greater are exempt from this division, except for the specified requirements.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None
SLOPUNLO AD	EU	R5212-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	None	None
SLOPUNLO AD	EU	R5212-6	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	None	None
SLOPUNLO AD	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(a) § 63.2334(a) § 63.2338(b)(2) § 63.2342(a)(2) § 63.2350(a) § 63.2350(d)	For each transfer rack that only unloads organic liquids, keep documentation that verifies the transfer rack is not required to be controlled.	None	§ 63.2343(a)	None
TLOAD-SLOP	EU	R5212-5	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(3)(A) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Plants, excluding gasoline bulk plants, which load <20,000 gallons of VOC into transport vessels per day	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None

						with a true vapor pressure of 1.5 psia or greater are exempt from this division, except for the specified requirements.			
UCCT01	EU	63YY-CT	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e)-Table 7.h § 63.1083 § 63.1085 § 63.1085(f) [G]§ 63.1087(c) § 63.1087(d) § 63.1088 [G]§ 63.1088(d) § 63.1103(e)(1)(i)(F) § 63.1103(e)(3) [G]§ 63.1108(a)(4) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(2) § 63.1108(b)(3) § 63.1108(b)(4) § 63.1108(b)(4)(iii) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.1112(a)(1) § 63.1112(b)(1)	For a heat exchange system in ethylene production service, comply with the heat exchange system requirements of subpart XX of this part.	§ 63.1085(e) § 63.1086 [G]§ 63.1086(e) [G]§ 63.1087(c) § 63.1087(d) [G]§ 63.1088(b) [G]§ 63.1088(d)	§ 63.1085(c) [G]§ 63.1088(d) [G]§ 63.1089 [G]§ 63.1100(d)(4) § 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d)	§ 63.1085(d) [G]§ 63.1090 § 63.1109(b) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b)
UFF01A	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
UFF01B	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

						period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.			
UFFLARE01	CD	R1111-2A	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
UFFLARE01	CD	63CC-01	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.670 § 63.670(e) § 63.670(o) [G]§ 63.670(o)(1) § 63.670(o)(2)(ii) § 63.670(o)(3)(i) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(c) § 63.670(e) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	[G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.670(h) [G]§ 63.670(j) § 63.670(l)(5)(ii) § 63.670(o)(2)(ii)
UFFLARE02	CD	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

						any two-hour period, except for upset emissions as provided in §101.222(b).			
UFFLARE02	CD	60A-1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
UFFLARE02	CD	60A-2	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None
UFFLARE02	CD	60A-3	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(ii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
UFFLARE02	CD	63A-1	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
UFFLARE02	CD	63A-2	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None



						consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.			
UFFLARE02	CD	63A-3	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(ii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
U_FUG	EU	60DDD- ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light- liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD- ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 60.562-2(d)	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

					§ 60.562-2(e)				
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a)	Comply with the requirements as	§ 60.482-1(f)(1) § 60.482-1(f)(2)	§ 60.482-1(g) [G]§ 60.486(a)	§ 60.487(a) [G]§ 60.487(b)

					§ 60.482-1(b) § 60.482-1(g) § 60.482-2(a)(2) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	stated in §60.482-2 for pumps in light- liquid service.	[G]§ 60.482-1(f)(3) § 60.482-2(a)(1) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	[G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2)	Comply with the requirements in as stated in §60.482-8 for valves in heavy- liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

					§ 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)				
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) [G]§ 60.482-1(e) § 60.486(k)	Comply with the requirements in as stated in §60.482-1(e) for equipment in VOC service < 300 hours/year.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(6) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
U_FUG	EU	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2)	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid or heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

					§ 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)				
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a pressure relief device in light liquid or heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g)	At a connector in heavy liquid service, if an instrument reading	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c)

					[G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.482-9a(c) § 60.482-9a(c)(1) § 60.482-9a(c)(2) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	of 10,000 ppm or greater is measured, a leak is detected.	[G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	[G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-4a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c) § 60.482-4a(d)(1) § 60.482-4a(d)(2) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as determined by the methods specified in §60.485a(c).	§ 60.482-1a(g) § 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light liquid service, a leak is detected.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(e)	§ 60.482-11a(b)(3)(v) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ix) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-5a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-5a(b) § 60.482-5a(c) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in §60.482-1a(c) and paragraph (c) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-3a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i) § 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each compressor shall be equipped with a seal system that includes a barrier fluid system and that prevents leakage of VOC to the atmosphere, except as provided in §60.482-3a(c) and paragraphs (h), (i), and (j) of this section.	§ 60.482-1a(g) § 60.482-3a(e)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(4) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-1a(e) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Equipment that an owner or operator designates as being in VOC service less than 300 hours (hr)/yr is excluded from the requirements of §§ 60.482-2a through 60.482-11a if it is identified as required in §60.486a(e)(6) and it meets any of the conditions specified in paragraphs (e)(1)	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6)	None

						through (3) of this section. §60.482-1a(e)(1)-(3)			
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-7a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(d) [G]§ 60.482-7a(e) [G]§ 60.482-7a(f) [G]§ 60.482-7a(g) [G]§ 60.482-7a(h) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in gas vapor service if an instrument reading of 500 ppm or greater is measured, a leak is detected.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) [G]§ 60.482-7a(c) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) § 60.486a(f)(2)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-1a(d) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Equipment that is in vacuum service is excluded from the requirements of §60.482-2a to §60.482-10a, if it is identified as required in §60.486a(e)(5).	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	None
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)



U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-2a(b)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(ii) § 60.482-2a(c)(1) [G]§ 60.482-2a(c)(2) § 60.482-2a(d) [G]§ 60.482-2a(d)(1) § 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e) § 60.482-2a(f) [G]§ 60.482-2a(g) § 60.482-2a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	The instrument reading that defines a leak in a pump in light liquid service is 5,000 parts per million (ppm) or greater for pumps handling polymerizing monomers or 2,000 ppm or greater for all other pumps, as specified in paragraphs (b)(1)(i) and (ii) of this section. §60.482-2a(b)(1)(i)-(ii)	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(2)(i) [G]§ 60.482-2a(d)(4) [G]§ 60.482-2a(d)(5) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) § 60.486a(e)(7) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(3) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	60VVA-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-6a(a)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-6a(a)(2) § 60.482-6a(b) § 60.482-6a(c) § 60.482-6a(d) § 60.482-6a(e) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in §60.482-1a(c) and paragraphs (d) and (e) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(ix) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
U_FUG	EU	63FFFF-ALL	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a)-Table 6 § 63.1019(d) § 63.1022(a) § 63.1022(b) § 63.1022(b)(1) § 63.1022(b)(3) § 63.1022(b)(4)	For equipment in organic HAP service, comply with the requirements of 40 CFR Part 63, Subpart UU except as specified in	[G]§ 63.1022(c)(4) § 63.1023(a) [G]§ 63.1023(a)(1) § 63.1023(a)(2)(i) § 63.1023(a)(2)(iii) [G]§ 63.1023(b) [G]§ 63.1023(c)	§ 63.1022(b)(5) § 63.1022(c)(3) [G]§ 63.1022(c)(4) § 63.1022(d)(2) [G]§ 63.1022(f) § 63.1023(e)(2) [G]§ 63.1024(d) [G]§ 63.1024(f)	[G]§ 63.1025(b)(4) § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) [G]§ 63.1039(b)(1) § 63.1039(b)(2) § 63.1039(b)(3) § 63.1039(b)(4)

					§ 63.1022(b)(5) § 63.1022(c)(1) [G]§ 63.1022(c)(2) § 63.1022(d)(1) § 63.1022(e) § 63.1023(a) § 63.1023(e)(1) § 63.1024(a) [G]§ 63.1024(c) [G]§ 63.1024(d) § 63.1024(e) § 63.1025(a)(1) § 63.1025(b)(2) [G]§ 63.1025(b)(4) § 63.1025(d)(1) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(2) [G]§ 63.1027(b) § 63.1027(d) [G]§ 63.1028(c) § 63.1028(d) [G]§ 63.1028(e)(1) § 63.1028(e)(2) § 63.1028(e)(6) [G]§ 63.1029 [G]§ 63.1031(b) § 63.1031(c) § 63.1031(d)(1) [G]§ 63.1031(f) § 63.1032(b) [G]§ 63.1032(c) § 63.1032(d) [G]§ 63.1033 [G]§ 63.1035(a) § 63.1035(b) § 63.1035(c) § 63.1035(d) § 63.1035(d)(1) [G]§ 63.1035(d)(5) [G]§ 63.1035(d)(7) [G]§ 63.1035(d)(8) § 63.2450(a)(2) [G]§ 63.2480(b) § 63.2480(e) § 63.2480(e)(1) [G]§ 63.2480(e)(2) [G]§ 63.2480(e)(3) [G]§ 63.2480(e)(6)	63.2480.	§ 63.1023(d) § 63.1025(a)(2) § 63.1025(b) § 63.1025(b)(1) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1025(c) [G]§ 63.1025(d)(2) [G]§ 63.1025(e) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(4) § 63.1026(e)(5) § 63.1026(e)(6) [G]§ 63.1027(b) § 63.1027(c) [G]§ 63.1027(e) [G]§ 63.1028(c) [G]§ 63.1028(e)(1) § 63.1028(e)(4) § 63.1028(e)(5) § 63.1028(e)(7) [G]§ 63.1029 § 63.1031(c) [G]§ 63.1035(d)(2) § 63.1035(d)(4) [G]§ 63.1035(d)(6) [G]§ 63.2480(e)(2) [G]§ 63.2480(e)(3)	[G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1026(b) [G]§ 63.1026(e)(1) [G]§ 63.1027(b) [G]§ 63.1028(e)(1) § 63.1031(d)(2) [G]§ 63.1035(d)(2) § 63.1035(d)(3) [G]§ 63.1035(e) § 63.1038(a) [G]§ 63.1038(b) [G]§ 63.1038(c)(1) [G]§ 63.1038(c)(2) § 63.1038(c)(3) [G]§ 63.1038(c)(4) [G]§ 63.1038(c)(6) [G]§ 63.1038(c)(7) [G]§ 63.2480(e)(3) [G]§ 63.2480(e)(6) [G]§ 63.2480(e)(7) § 63.2525(a) [G]§ 63.2525(q) § 63.2525(t)	§ 63.1039(b)(5) § 63.1039(b)(6) § 63.1039(b)(8) § 63.2515(a) § 63.2515(b)(2) § 63.2515(c) § 63.2515(d) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(15) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) § 63.2520(e)(9) [G]§ 63.2520(h) [G]§ 63.2520(i)
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					[G]§ 63.2480(e)(7) [G]§ 63.2480(f)(18)				
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.167 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Open- ended valves or lines. §63.167(a)- (e).	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 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) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)- (j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)- (j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g)	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4)

					§ 63.162(h) [G]§ 63.171				[G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)- (d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)- (d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)- (d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-	[G]§ 63.169 [G]§ 63.180(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c)

					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	(d)	[G]§ 63.180(d)	[G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)- (d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.164 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Compressors. §63.164(a)-(i)	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
U_FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.162(e) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h)	Equipment that is in organic HAP service less than 300 hours per year is excluded from the requirements of §§63.163 - 63.174 and §63.178 if it is identified as required in §63.181(j).	[G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b)
U_FUG	EU	63YY-ALL	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e)-Table 7.f.1 § 63.1019(d) § 63.1022(a) § 63.1022(b) § 63.1022(b)(1) § 63.1022(b)(3) § 63.1022(b)(4) § 63.1022(b)(5) § 63.1022(c)(1) [G]§ 63.1022(c)(2) § 63.1022(d)(1) § 63.1022(e) § 63.1023(a)	For equipment defined in Å ,Å§63.1101 that contains or contacts > 5 % by wt organic HAP and the equipment is not in vacuum service, comply with the requirements of subpart UU.	[G]§ 63.1022(c)(4) § 63.1023(a) [G]§ 63.1023(a)(1) § 63.1023(a)(2)(i) § 63.1023(a)(2)(iii) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(d) § 63.1025(a)(2) § 63.1025(b) § 63.1025(b)(1) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4)	§ 63.1022(b)(5) § 63.1022(c)(3) [G]§ 63.1022(c)(4) § 63.1022(d)(2) [G]§ 63.1022(f) § 63.1023(e)(2) [G]§ 63.1024(d) [G]§ 63.1024(f) [G]§ 63.1025(b)(3) [G]§ 63.1025(b)(4) [G]§ 63.1026(b) [G]§ 63.1026(e)(1) [G]§ 63.1027(b) [G]§ 63.1028(e)(1)	[G]§ 63.1025(b)(4) § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) [G]§ 63.1039(b)(1) § 63.1039(b)(2) § 63.1039(b)(3) § 63.1039(b)(4) § 63.1039(b)(5) § 63.1039(b)(6) § 63.1039(b)(8) § 63.1109(b) § 63.1110(a) § 63.1110(a)(1)

				§ 63.1023(e)(1) § 63.1024(a) [G]§ 63.1024(c) [G]§ 63.1024(d) § 63.1024(e) § 63.1025(a)(1) § 63.1025(b)(2) [G]§ 63.1025(b)(4) § 63.1025(d)(1) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(2) [G]§ 63.1027(b) § 63.1027(d) [G]§ 63.1028(c) § 63.1028(d) [G]§ 63.1028(e)(1) § 63.1028(e)(2) § 63.1028(e)(6) [G]§ 63.1029 [G]§ 63.1031(b) § 63.1031(c) § 63.1031(d)(1) [G]§ 63.1031(f) § 63.1032(b) [G]§ 63.1032(c) § 63.1032(d) [G]§ 63.1033 [G]§ 63.1035(a) § 63.1035(b) § 63.1035(c) § 63.1035(d) § 63.1035(d)(1) [G]§ 63.1035(d)(5) [G]§ 63.1035(d)(7) [G]§ 63.1035(d)(8) [G]§ 63.1100(d)(5) § 63.1103(e)(1)(i)(D) § 63.1103(e)(3) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1107(h) § 63.1107(h)(1) [G]§ 63.1107(h)(2) [G]§ 63.1107(h)(3) [G]§ 63.1107(h)(6) [G]§ 63.1107(h)(7)	[G]§ 63.1025(c) [G]§ 63.1025(d)(2) [G]§ 63.1025(e) [G]§ 63.1026(b) [G]§ 63.1026(c) § 63.1026(d) [G]§ 63.1026(e)(1) § 63.1026(e)(4) § 63.1026(e)(5) § 63.1026(e)(6) [G]§ 63.1027(b) § 63.1027(c) [G]§ 63.1027(e) [G]§ 63.1028(c) [G]§ 63.1028(e)(1) § 63.1028(e)(4) § 63.1028(e)(5) § 63.1028(e)(7) [G]§ 63.1029 § 63.1031(c) [G]§ 63.1035(d)(2) § 63.1035(d)(4) [G]§ 63.1035(d)(6) [G]§ 63.1107(h)(2) [G]§ 63.1107(h)(3) [G]§ 63.1108(b)(4)(i) § 63.1108(b)(4)(ii)	§ 63.1031(d)(2) [G]§ 63.1035(d)(2) § 63.1035(d)(3) [G]§ 63.1035(e) § 63.1038(a) [G]§ 63.1038(b) [G]§ 63.1038(c)(1) [G]§ 63.1038(c)(2) § 63.1038(c)(3) [G]§ 63.1038(c)(4) [G]§ 63.1038(c)(6) [G]§ 63.1038(c)(7) [G]§ 63.1107(h)(3) [G]§ 63.1107(h)(6) [G]§ 63.1107(h)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.1109(d)	[G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b)
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					§ 63.1107(h)(8) [G]§ 63.1108(a)(4) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b)(3) § 63.1108(b)(4) § 63.1108(b)(4)(iii) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.1112(a)(1) § 63.1112(b)(1)				
U_LAB	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
WASHUNLO AD	EU	R5212-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
WASHUNLO AD	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(a) § 63.2334(a) § 63.2338(b)(2) § 63.2342(a)(2) § 63.2350(a) § 63.2350(d)	For each transfer rack that only unloads organic liquids, keep documentation that verifies the transfer rack is not required	None	§ 63.2343(a)	None

						to be controlled.			
ZMTK01	EU	R5112-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
ZTD08	EU	R5112-26	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
ZTD08	EU	R5112-26A	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.113 § 115.910	Alternate means of compliance with the applicable control requirements or exemption criteria in this division may be approved per 30 TAC §115.910, if emission reductions are substantially equal.	** See Alternative Requirement	None	None
ZTD08	EU	R5112-27	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None



ZTD08	EU	R5112-30	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
ZTD08	EU	63FFFF-5	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.11(b) § 63.2450(b) § 63.2470(a) § 63.2470(d) [G]§ 63.2470(f) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) [G]§ 63.2470(f) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.2470(f)(3) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
ZTD08	EU	63FFFF-5A	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.2450(b) [G]§ 63.2450(e)(5) § 63.2470(a) § 63.2470(d) [G]§ 63.2470(f) § 63.2535(m)(2) [G]§ 63.670 § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) [G]§ 63.2470(f) [G]§ 63.671 § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.2470(f)(3) [G]§ 63.2525(m) [G]§ 63.670 [G]§ 63.671 § 63.983(b) [G]§ 63.983(d)(2) [G]§ 63.998(d)(1) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.2520(d)(3) [G]§ 63.2520(e)(11) [G]§ 63.670 [G]§ 63.671 § 63.999(c)(1) § 63.999(c)(2)(i)

					§ 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3)	flare.	§ 63.983(d)(1)(ii)		
ZTD08	EU	63FFFF-6	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.ii § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2470(a) § 63.2470(d) [G]§ 63.2470(f) § 63.982(c) § 63.982(c)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total HAP emissions to less than or equal to 20 ppmv of TOC or organic HAP and less than or equal to 20 ppmv of hydrogen halide and halogen HAP by venting emissions through a closed vent system to any combination of control devices (excluding a flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2470(c)(1) [G]§ 63.2470(f) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E)	§ 63.2450(k)(6) § 63.2470(c)(1) § 63.2470(f)(3) § 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.2470(d) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
ZTD08	EU	63FFFF-7	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.ii	For each Group 1 storage tank for which the maximum	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g)	§ 63.2450(k)(6) § 63.2470(c)(1) § 63.2470(f)(3)	§ 63.2450(q) § 63.2470(d) § 63.996(b)(2)

					§ 63.2450(b) § 63.2470(a) § 63.2470(d) [G]§ 63.2470(f) § 63.982(c) § 63.982(c)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) § 63.997(c)(3)	true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total HAP emissions by greater than or equal to 95 percent by weight by venting emissions through a closed vent system to any combination of control devices (excluding a flare).	§ 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2470(c)(1) [G]§ 63.2470(f) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii)	§ 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.996(c)(2)(ii) § 63.998(a)(2)(ii)(B)(5) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.996(c)(6) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
ZTD08	EU	63FFFF-8	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.ii § 63.2450(b) § 63.2470(a) § 63.2470(d) [G]§ 63.2470(f) § 63.982(c) § 63.982(c)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total HAP emissions by greater than or equal to 95 percent by weight by venting emissions through a closed vent system to any combination of control devices (excluding a flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 63.2470(c)(1) [G]§ 63.2470(f) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1)	§ 63.2450(k)(6) § 63.2470(c)(1) § 63.2470(f)(3) § 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.2470(d) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

							§ 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) [G]§ 63.997(e)(2)(i)(A) § 63.997(e)(2)(ii) § 63.997(e)(2)(iv) § 63.997(e)(2)(iv)(A) [G]§ 63.997(e)(2)(iv)(B) § 63.997(e)(2)(iv)(C) § 63.997(e)(2)(iv)(D) § 63.997(e)(2)(iv)(F) § 63.997(e)(2)(iv)(G) [G]§ 63.997(e)(2)(iv)(H)		
ZTD12	EU	R5131-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(c)(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.	** See Periodic Monitoring Summary	None	None
ZTD12	EU	61FF-10	Benzene	40 CFR Part 61, Subpart FF	§ 61.347(a)(1) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(A) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(1) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
ZTD12	EU	61FF-11	Benzene	40 CFR Part 61, Subpart FF	§ 61.347(a)(1) § 60.18 § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B)	Install, operate, and maintain a fixed-roof and closed-vent system that	§ 60.18(f)(2) § 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

					§ 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	routes all organic vapors vented from the oil-water separator to a control device.	§ 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	
ZTD12	EU	61FF-11A	Benzene	40 CFR Part 61, Subpart FF	§ 61.347(a)(1) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g) § 63.1095(b)(3) [G]§ 63.1103(e)(4) [G]§ 63.670	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) [G]§ 61.355(h) [G]§ 63.671	§ 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) [G]§ 63.1109(e) [G]§ 63.670 [G]§ 63.671	[G]§ 63.1110(d) § 63.1110(e)(4) [G]§ 63.670 [G]§ 63.671
ZTD12	EU	61FF-12	Benzene	40 CFR Part 61, Subpart FF	§ 61.347(a)(1) § 61.340(d) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c)	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	§ 61.347(a)(1)(i)(A) § 61.347(b)	§ 61.356(d) § 61.356(g)	None
ZTTK02	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
ZTTK03	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

						averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.			
ZTTK04	EU	R5112-20	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1) § 115.111(c)(2) § 115.112(c)(2) § 115.112(c)(2)(A) § 115.114(c)(1)(A)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	§ 115.114(c)(1)(A) ** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
ZTTK04	EU	60Kb-35	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
ZTTK04	EU	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
ZTTK04	EU	63YY-1	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103(e)-Table 7.g.1 § 61.351 § 63.1091	For processes that generate waste as defined in	§ 63.1091	§ 63.1091 § 63.1109(a) § 63.1109(b)	§ 63.1091 § 63.1110(a) § 63.1110(a)(1)

					§ 63.1095 § 63.1095(b) § 63.1095(b)(2) § 63.1103(e)(1)(i)(E) § 63.1103(e)(3) § 63.1108(a)(4)(ii) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(2) § 63.1108(b)(3) § 63.1108(b)(4) § 63.1108(b)(4)(iii) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a)	63.1103(e)(2), comply with the waste requirements of subpart XX of this part.		§ 63.1109(c) § 63.1109(d) § 63.1111(a)	[G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b)
ZTTK05	EU	R5112-20	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1) § 115.111(c)(2) § 115.112(c)(2) § 115.112(c)(2)(A) § 115.114(c)(1)(A)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	§ 115.114(c)(1)(A) ** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
ZTTK05	EU	60Kb-35	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)- (ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

## **Additional Monitoring Requirements**

<b>Compliance Assurance Monitoring Summary.....</b>	<b>223</b>
<b>Periodic Monitoring Summary.....</b>	<b>256</b>



### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: C-VENTGAS	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: C-VENTGAS	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: C-VENTGAS	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: E-VENTGAS	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: E-VENTGAS	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: E-VENTGAS	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: G-VENTGAS	
Control Device ID No.: GBX02	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: G-VENTGAS	
Control Device ID No.: GFFLARE01	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: GBD05	
Control Device ID No.: GBX02	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GBD05	
Control Device ID No.: GFFLARE01	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPEBPL	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPEBPL	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPEBPL	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPEBPV	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPEBPV	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPEBPV	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	



### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPECPV	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p style="margin-left: 40px;">± 0.75% of the temperature being measured expressed in degrees Celsius; or</p> <p style="margin-left: 40px;">± 2.5 degrees Celsius.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPECPV	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPCPECPV	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPEBPL	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPEBPL	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPEBPL	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPEBPV	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPEBPV	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPEBPV	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPECPV	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p style="margin-left: 40px;">± 0.75% of the temperature being measured expressed in degrees Celsius; or</p> <p style="margin-left: 40px;">± 2.5 degrees Celsius.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPECPV	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPEMPECPV	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPHON-PV	
Control Device ID No.: GBX02	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPHON-PV	
Control Device ID No.: GFFLARE01	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: O-VENTGAS	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-10
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: O-VENTGAS	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-16
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<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

<b>Unit/Group/Process Information</b>	
ID No.: O-VENTGAS	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-20
Pollutant: VOC	Main Standard: § 115.122(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GAD03	
Control Device ID No.: GAD09A-D	Control Device Type: Carbon adsorption system (non-regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-14
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Carbon Replacement Interval	
Minimum Frequency: At each replacement of carbon canister	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if the carbon is not replaced within the maximum replacement interval.	
<p>Periodic Monitoring Text: Monitor and record the replacement time interval of the carbon canister(s), as determined by the maximum design flow rate and organic concentration in the gas stream vented to the carbon adsorption system. Establish a maximum carbon replacement interval using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. Any data, collected for a period which exceeds the maximum carbon replacement interval shall be considered and reported as a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GBX02	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if visible emissions are observed or if opacity exceeds 15% averaged over a six-minute period.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

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

## Periodic Monitoring Summary

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

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPHFOTANK	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-21
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPHFOTANK	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-22
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPHFOTANK	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-25
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	



### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPSKIMMER	
Control Device ID No.: ZWSRCO1A	Control Device Type: Catalytic incinerator
Control Device ID No.: ZWSRCO1B	Control Device Type: Catalytic incinerator
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-2
Pollutant: VOC	Main Standard: § 115.132(c)(3)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum catalyst bed combustion temperature of 700°F shall be maintained prior to initial stack testing. After testing, the six-minute average temperature shall be not less than the hourly average maintained during the last satisfactory stack test.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: RAD02	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-11
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: UFF01A	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if visible emissions are observed or if opacity exceeds 15% averaged over a six-minute period.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: UFF01B	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if visible emissions are observed or if opacity exceeds 15% averaged over a six-minute period.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZMTK01	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-4
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if the applicant fails to keep a record of the tank construction specifications.	
<p>Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZMTK01	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-4
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if the repairs are not completed prior to refilling the storage vessel.	
<p>Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZTD08	
Control Device ID No.: UFFLARE02	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-26
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if a pilot flame is not present.	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZTD08	
Control Device ID No.: UFF01A	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Control Device ID No.: UFF01B	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-27
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	



### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZTD08	
Control Device ID No.: USSG01A	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01B	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Control Device ID No.: USSG01C	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-30
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Period of Operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: If vent gas is being sent to the boiler and the boiler is not in operation, it shall be reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZTD12	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(c)(1)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if any monitoring data greater than the maximum VOC limit of 10,000 ppmv.	
<p>Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration around the immediate area of the compartment in accordance with 40 CFR Part 60, Appendix A, Method 21. Each potential leak interface (i.e., a location where organic vapor leakage could occur) on the cover and associated closer devices shall be checked. Potential leak interfaces that are associated with covers and closure devices include, but are not limited to: the interface of the cover and its foundation mounting; the periphery of any opening on the cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure relief valve. The owner or operator may choose to adjust the detection instrument readings for the background organic concentration level.</p> <p>The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures.</p> <p>Any monitoring data greater than the maximum VOC limit indicated in the Deviation Limit above shall be considered and reported as a deviation as required by § 122.145(2).</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZTTK04	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-20
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: ZTTK05	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-20
Pollutant: VOC	Main Standard: § 115.112(c)(1)
<b>Monitoring Information</b>	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

**Permit Shield**

**Permit Shield ..... 276**

### 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
ADMINGEN	N/A	30 TAC Chapter 117, Subchapter B	Emission unit is not located in the ozone nonattainment area.
ADMINGENTK	N/A	30 TAC Chapter 115, Storage of VOCs	Vessel storing VOC with a true vapor pressure less than 1.5 psia.
ADMINGENTK	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
ADMINGENTK	N/A	40 CFR Part 63, Subpart EEEE	Diesel does not meet definition of organic liquid under MACT EEEE.
C-VENTGAS	N/A	30 TAC Chapter 115, Batch Processes	Vent gas stream is not located in Beaumont/Port Arthur or Houston/Galveston area.
C-VENTGAS	N/A	30 TAC Chapter 115, HRVOC Vent Gas	Vent gas stream is not located in the Houston/Galveston/Brazoria area.
CPE-DIST	N/A	40 CFR Part 60, Subpart NNN	Any distillation unit that is subject to the provisions of NSPS DDD is not an affected facility under NSPS NNN.
CPE-REACT	N/A	40 CFR Part 60, Subpart RRR	Any reactor process that is subject to the provisions of NSPS DDD is not an affected facility under NSPS RRR.
E-VENTGAS	N/A	30 TAC Chapter 115, Batch Processes	Vent gas stream is not located in Beaumont/Port Arthur or Houston/Galveston area.
E-VENTGAS	N/A	30 TAC Chapter 115, HRVOC Vent Gas	Vent gas stream is not located in the Houston/Galveston/Brazoria area.
EPE-DIST	N/A	40 CFR Part 60, Subpart NNN	Any distillation unit that is subject to the provisions of NSPS DDD is not an affected facility under NSPS NNN.
EPE-REACT	N/A	40 CFR Part 60, Subpart RRR	Any reactor process that is subject to the

			provisions of NSPS DDD is not an affected facility under NSPS RRR.
G-VENTGAS	N/A	30 TAC Chapter 115, HRVOC Vent Gas	Vent gas stream is not located in the Houston/Galveston/Brazoria area.
GAD03	N/A	40 CFR Part 60, Subpart Kb	Vessel capacity is less than 75 cubic meters (19,813 gallons) and operates as a process tank.
GAD03	N/A	40 CFR Part 63, Subpart G	The unit does not meet the definition of a storage vessel since its capacity is less than 38 cubic meters and operates as a surge control vessel.
GBD06	N/A	40 CFR Part 60, Subpart Kb	Surge drum is a process tank and does not meet the definition of a storage vessel.
GBD06	N/A	40 CFR Part 63, Subpart H	Surge control vessel is routed back to the process.
GDD08	N/A	30 TAC Chapter 115, Storage of VOCs	Vessel storing VOC with a true vapor pressure less than 1.5 psia.
GDD08	N/A	40 CFR Part 60, Subpart Kb	Vessel operating as a process tank with capacity less than 151 cubic meters (39,900 gallons) and storing a VOL with a maximum TVP < 2.2 psia (15 kPa).
GDD08	N/A	40 CFR Part 63, Subpart H	Surge control vessel stores VOC with a vapor pressure less than 0.7 kPa (0.10 psia), hence it does not meet the conditions in Table 3 of MACT H.
GDD09	N/A	30 TAC Chapter 115, Storage of VOCs	Vessel storing VOC with a true vapor pressure less than 1.5 psia.
GDD09	N/A	40 CFR Part 60, Subpart Kb	Vessel capacity is less than 75 cubic meters (19,813 gallons) and operates as a process tank.
GDD09	N/A	40 CFR Part 63, Subpart G	The unit does not meet the definition of a storage vessel since its capacity is less than 38 cubic meters and operates as a surge control

			vessel.
GDT01	N/A	40 CFR Part 63, Subpart HH	Does not meet the definition of Glycol Dehydration Unit and is not located at an oil and natural gas production facility.
GED04	N/A	30 TAC Chapter 115, Storage of VOCs	Vessel storing VOC with a true vapor pressure less than 1.5 psia.
GED04	N/A	40 CFR Part 60, Subpart Kb	Vessel capacity is less than 75 cubic meters (19,813 gallons) and operates as a process tank.
GED04	N/A	40 CFR Part 63, Subpart G	The unit does not meet the definition of a storage vessel since its capacity is less than 38 cubic meters and operates as a surge control vessel.
GFFLARE01	N/A	30 TAC Chapter 115, HRVOC Vent Gas	Flare is not located in the Houston/ Galveston/Brazoria area.
GREFUSTN	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Facility is a motor vehicle fuel dispensing facility.
GREFUSTN	N/A	40 CFR Part 63, Subpart CCCCCC	Gasoline dispensing facility is not located at an area source.
GRPADDITIVE	CLB03, CLDC06, CLFAN04, ELB01, ELB02, ELB03, ELB04, ELB05, ELDC06, ELFAN01, ELFAN04	30 TAC Chapter 115, Vent Gas Controls	The vent gas stream does not contain volatile organic compounds (VOC).
GRPADDITIVE	CLB03, CLDC06, CLFAN04, ELB01, ELB02, ELB03, ELB04, ELB05, ELDC06, ELFAN01, ELFAN04	40 CFR Part 63, Subpart FFFF	The batch process vent gas stream does not contain Hazardous Air Pollutant (HAP).
GRPBOILER	USSG01A, USSG01B, USSG01C	30 TAC Chapter 112, Sulfur Compounds	Boilers do not burn liquid fuels.
GRPBOILER	USSG01A, USSG01B, USSG01C	30 TAC Chapter 117, Subchapter B	Boilers are not located in ozone nonattainment area.
GRPCATLYST	CBFIL01, CCFIL04, CCFIL05, CCFIL06, EBFIL01, ECFIL04, ECFIL05, ECFIL06	30 TAC Chapter 115, Vent Gas Controls	The vent gas stream does not contain volatile organic compounds (VOC).
GRPCATLYST	CBFIL01, CCFIL04, CCFIL05,	40 CFR Part 63, Subpart FFFF	The batch process vent gas stream does not



	CCFIL06, EBFIL01, ECFIL04, ECFIL05, ECFIL06		contain Hazardous Air Pollutant (HAP).
GRPCPEBPV	CADR04A, CADR04B, CCD21, CCD22, CCD23, CCD24, CCGT01, CEC01A, CED01, CED02, CED03, CEE01, CEFIL01, CEMEM01A	40 CFR Part 60, Subpart DDD	MACT FFFF MCPU contains equipment that is also subject to the provisions of NSPS DDD and the site is electing to comply with the requirements for Group 1 process vents to all such equipment in the MCPU.
GRPCPECPV	CCT01, CDD03, CEMEM01B	40 CFR Part 60, Subpart DDD	MACT FFFF MCPU contains equipment that is also subject to the provisions of NSPS DDD and the site is electing to comply with the requirements for Group 1 process vents to all such equipment in the MCPU.
GRPEMPEBPV	EADR04A, EADR04B, EADR05A, EADR05B, EADR06, EADR07A, EADR07B, EADR09, EADR10, ECD21, ECD22, ECD23, ECD24, ECGT01, EEC01A, EED01, EED02, EED03, EEE01, EEFIL01, EEMEM01A	40 CFR Part 60, Subpart DDD	MACT FFFF MCPU contains equipment that is also subject to the provisions of NSPS DDD and the site is electing to comply with the requirements for Group 1 process vents to all such equipment in the MCPU.
GRPEMPECPV	ECT01, EEMEM01B	40 CFR Part 60, Subpart DDD	MACT FFFF MCPU contains equipment that is also subject to the provisions of NSPS DDD and the site is electing to comply with the requirements for Group 1 process vents to all such equipment in the MCPU.
GRPEMRGGEN	GUDGEN01, UKDGEN01, UKDGEN02	30 TAC Chapter 117, Subchapter B	Emission unit is not located in the ozone nonattainment area.
GRPEQTANK	ZWTK01, ZWTK02	40 CFR Part 60, Subpart Kb	Vessel is a process tank and does not meet the definition of a storage vessel.
GRPEXTRUD	CLDC03, ELDC03	40 CFR Part 63, Subpart FFFF	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
GRPFURNACE	FA-F01, FB-F01, FC-F01, FD-F01, FE-F01, FF-F01, FG-F01, FH-F01	30 TAC Chapter 112, Sulfur Compounds	Furnaces do not burn liquid fuels.

GRPFURNACE	FA-F01, FB-F01, FC-F01, FD-F01, FE-F01, FF-F01, FG-F01, FH-F01	30 TAC Chapter 117, Subchapter B	Furnaces are not located in ozone nonattainment area.
GRPFURNACE	FA-F01, FB-F01, FC-F01, FD-F01, FE-F01, FF-F01, FG-F01, FH-F01	40 CFR Part 63, Subpart DDDDD	Ethylene cracking furnace covered by 40 CFR 63 Subpart YY is not subject to 40 CFR 63 Subpart DDDDD.
GRPFURNSTK	OFAF01, OFBF01, OFCF01, OFDF01, OFEF01, OFFF01, OFGF01, OFHF01	30 TAC Chapter 115, Vent Gas Controls	The combustion unit exhaust stream is not being used as a control device for any vent gas stream which originates from a non-combustion source.
GRPFWP	ZFP02B, ZFP02C	30 TAC Chapter 117, Subchapter B	Emission unit is not located in the ozone nonattainment area.
GRPFWPTK	ZFTK02B, ZFTK02C	30 TAC Chapter 115, Storage of VOCs	Storage tank capacity less than 1,000 gallons.
GRPFWPTK	ZFTK02B, ZFTK02C	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
GRPFWPTK	ZFTK02B, ZFTK02C	40 CFR Part 63, Subpart EEEE	Diesel does not meet definition of organic liquid under MACT EEEE.
GRPGENTK	GUDGEN01TK, UKDGEN01TK, UKDGEN02TK	30 TAC Chapter 115, Storage of VOCs	Storage tank capacity less than 1,000 gallons and storing VOC with TVP less than 1.5 psia.
GRPGENTK	GUDGEN01TK, UKDGEN01TK, UKDGEN02TK	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
GRPGENTK	GUDGEN01TK, UKDGEN01TK, UKDGEN02TK	40 CFR Part 63, Subpart EEEE	Diesel does not meet definition of organic liquid under MACT EEEE.
GRPGLYTANK	GDTK01, GETK01, GETK02A, GETK02B	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia.
GRPGLYTANK	GDTK01, GETK01, GETK02A, GETK02B	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 cubic meters (39,900 gallons) and storing a VOL with a maximum TVP < 0.5 psia (3.5 kPa).
GRPGRANULE	CDDCO4, CDFAN01, CLDC01, EDDCO4, EDFAN01, ELDC01	40 CFR Part 63, Subpart FFFF	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
GRPHONNNN	GET01, GET02	40 CFR Part 60, Subpart NNN	Process vent controlled to the levels required in §63.113(a)(1) or (a)(2) is exempt from the

			testing, monitoring, reporting, and recordkeeping provisions of 40 CFR part 60, subpart NNN.
GRPHONRRR	GAR01A, GAR01B, GDR02, GDR05	40 CFR Part 60, Subpart RRR	Process vent controlled to the levels required in Å§63.113(a)(1) or (a)(2) is exempt from the testing, monitoring, reporting, and recordkeeping provisions of 40 CFR part 60, subpart RRR.
GRPLOADOUT	CMD01, CPFAN01, EMD01, EPFAN01	40 CFR Part 63, Subpart FFFF	The unit does not meet the definition of miscellaneous organic chemical manufacturing process equipment since it is at the end of a process that produces a solid material, and is downstream of the dryers.
GRPNOVOC	GBD09, GBTK01, UCTK01, UTD02, UTTK04, ZTTK01	30 TAC Chapter 115, Storage of VOCs	Storage tank does not store volatile organic compounds.
GRPNOVOC	GBD09, GBTK01, UCTK01, UTD02, UTTK04, ZTTK01	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids.
GRPPELLET	CMFAN01, CMFAN02, EMFAN01, EMFAN02	40 CFR Part 63, Subpart FFFF	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
GRPPETANK	CCD81, ELDO1, ELDO2	30 TAC Chapter 115, Storage of VOCs	Tank capacity is less than 1,000 gallons.
GRPPETANK	CCD81, ELDO1, ELDO2	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
GRPPETANK	CCD81, ELDO1, ELDO2	40 CFR Part 63, Subpart FFFF	Storage tank does not meet the definition since it does not store liquids that contain organic HAP and/or hydrogen halide.
GRPPRSTANK	ZTD09, ZTD10A, ZTD10B, ZTD10C, ZTD11A, ZTD11B	40 CFR Part 60, Subpart Kb	Pressure vessels designed to operate in excess of 204.9 kPa and without emissions to the atmosphere.
GRPUNLOAD	DMSUNLOAD, RLUNLOAD-A, RLUNLOAD-B, TKUNLOAD-A, TKUNLOAD-B	40 CFR Part 63, Subpart EEEE	Organic liquids are not unloaded out of transport vehicles at the transfer racks.
MEOHLOAD	N/A	40 CFR Part 63, Subpart EEEE	Transfer racks, transport vehicles, and containers when used to conduct maintenance activities, such as liquid removal for inspections

			and maintenance or changeovers.
O-VENTGAS	N/A	30 TAC Chapter 115, HRVOC Vent Gas	Vent gas stream is not located in the Houston/Galveston/Brazoria area.
O_FUG	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Synthetic organic chemical manufacturing process is not located in ozone nonattainment area.
O_FUG	N/A	40 CFR Part 61, Subpart J	Equipment subject to NESHAP J and MACT YY is required to comply only with MACT YY.
O_FUG	N/A	40 CFR Part 61, Subpart V	Equipment subject to NESHAP V and MACT YY is required to comply only with MACT YY.
PROADDITIVE	N/A	40 CFR Part 60, Subpart DDD	The vent gas stream does not contain total organic compounds (TOC).
PROCATLYST	N/A	40 CFR Part 60, Subpart DDD	The vent gas stream does not contain total organic compounds (TOC).
RAD02	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
RESIDLOAD	N/A	40 CFR Part 63, Subpart EEEE	Transfer racks, transport vehicles, and containers when used to conduct maintenance activities, such as liquid removal for inspections and maintenance or changeovers.
RLOAD-C3	N/A	40 CFR Part 63, Subpart YY	Transfer rack use vapor balance at all times and does not load HAP containing material.
SCTOTE-GLY	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia.
SCTOTE-GLY	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
SCTOTE-GLY	N/A	40 CFR Part 63, Subpart G	The unit does not meet the definition of a storage vessel since its capacity is less than 38 cubic meters.
TOTES	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank capacity less than 1,000 gallons.
TOTES	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).

UCCT01	N/A	30 TAC Chapter 115, HRVOC Cooling Towers	Cooling tower is not located in the Houston/Galveston/Brazoria area.
UCCT01	N/A	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
UFFLARE01	N/A	30 TAC Chapter 115, HRVOC Vent Gas	Flare is not located in the Houston/Galveston/Brazoria area.
UFFLARE02	N/A	30 TAC Chapter 115, HRVOC Vent Gas	Flare is not located in the Houston/Galveston/Brazoria area.
UTD04	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia.
UTD04	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 151 cubic meters (39,900 gallons) and storing a VOL with a maximum TVP < 2.2 psia (15 kPa).
ZMTK01	N/A	40 CFR Part 60, Subpart Kb	Storage vessels located at gasoline service station with capacity less than 75 cubic meters (19,813 gallons).
ZMTK01	N/A	40 CFR Part 63, Subpart EEEE	Gasoline does not meet definition of organic liquid under MACT EEEE.
ZMTK02	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia.
ZMTK02	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
ZMTK02	N/A	40 CFR Part 63, Subpart EEEE	Diesel does not meet definition of organic liquid under MACT EEEE.
ZTTK02	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia.
ZTTK02	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 cubic meters (39,900 gallons) and storing a VOL with a maximum TVP < 0.5 psia (3.5 kPa).
ZTTK03	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia.
ZTTK03	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 151 cubic meters

			(39,900 gallons) and storing a VOL with a maximum TVP < 0.5 psia (3.5 kPa).
ZTTK05	N/A	40 CFR Part 63, Subpart FFFF	The vessel does not meet the definition of a storage tank since it stores organic liquid that contain HAP only as impurity.

## **New Source Review Authorization References**

<b>New Source Review Authorization References.....</b>	<b>287</b>
<b>New Source Review Authorization References by Emission Unit.....</b>	<b>288</b>

### 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.

<b>Prevention of Significant Deterioration (PSD) Permits</b>	
PSD Permit No.: GHGPSDTX170	Issuance Date: 02/04/2021
PSD Permit No.: PSDTX1518	Issuance Date: 09/23/2022
<b>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.</b>	
Authorization No.: 146425	Issuance Date: 09/23/2022
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000



### New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
ADMINGEN	ADMIN EMERGENCY GENERATOR NO. 1	146425, GHGPSDTX170, PSDTX1518
ADMINGENTK	ADMIN EMERGENCY GENERATOR NO. 1 TANK	146425, PSDTX1518
BOILER A	UTILITIES BOILER A STACK	146425, PSDTX1518
BOILER B	UTILITIES BOILER B STACK	146425, PSDTX1518
BOILER C	UTILITIES BOILER C STACK	146425, PSDTX1518
C-VENTGAS	CPE PROCESS VENT GAS	146425, PSDTX1518
CADR04A	1-BUTENE DRYER	146425, PSDTX1518
CADR04B	1-BUTENE DRYER	146425, PSDTX1518
CBFIL01	CATALYST CYLINDER VENT FILTER	146425, PSDTX1518
CCD21	PRODUCT CHAMBER 1	146425, PSDTX1518
CCD22	PRODUCT BLOW TANK 1	146425, PSDTX1518
CCD23	PRODUCT CHAMBER 2	146425, PSDTX1518
CCD24	PRODUCT BLOW TANK 2	146425, PSDTX1518
CCD81	SEAL POT	146425, PSDTX1518
CCD81-LOAD	DILUTED TEAL LOADING	146425, PSDTX1518
CCFIL04	CATALYST FEEDER 1/CATALYST HOLD TANK 1 FILTER VENT	146425, PSDTX1518
CCFIL05	CATALYST FEEDER 2/CATALYST HOLD TANK 2 FILTER VENT	146425, PSDTX1518
CCFIL06	CATALYST FEEDER 3/CATALYST HOLD TANK 3 FILTER VENT	146425, PSDTX1518
CCGT01	BLOWDOWN TURBINE	146425, PSDTX1518
CCR01	REACTOR	146425, PSDTX1518
CCT01	VENT COLUMN	146425, PSDTX1518

CDD03	LOW PURGE BIN DUST COLLECTOR VENT	146425, PSDTX1518
CDDCO4	SEED BED BIN DUST COLLECTOR	146425, PSDTX1518
CDFAN01	GRANULES HOPPER VENT DUST COLLECTOR	146425, PSDTX1518
CDFIL01	PURGE BIN VENT FILTER	146425, PSDTX1518
CEC01A	RECOVERY COMPRESSOR (2ND STAGE)	146425, PSDTX1518
CED01	RECOVERED LIQUIDS DRUM	146425, PSDTX1518
CED02	CONVEYING GAS SURGE DRUM	146425, PSDTX1518
CED03	RECOVERY COMPRESSOR INTERSTAGE ACCUMULATOR	146425, PSDTX1518
CEE01	RECOVERY VAPOR INTERCHANGER	146425, PSDTX1518
CEFIL01	RECOVERY COMPRESSOR INTAKE FILTER	146425, PSDTX1518
CEMEM01A	HYDROCARBON RECOVERY MEMBRANE UNIT	146425, PSDTX1518
CEMEM01B	NITROGEN RECOVERY MEMBRANE UNIT	146425, PSDTX1518
CLB03	ADDITIVE VACUUM BLOWER CLB03	146425, PSDTX1518
CLDC01	GRANULES FEED BIN DUST COLLECTOR	146425, PSDTX1518
CLDC03	EXTRUDER FEED CONVEYOR DUST COLLECTOR	146425, PSDTX1518
CLDC06	ZINC OXIDE DRYING HOPPER DUST COLLECTOR	146425, PSDTX1518
CLFAN04	WEIGH FEEDER HOPPER EXTRACTION VENT	146425, PSDTX1518
CMDC01	PELLET SURGE BIN DUST COLLECTOR	146425, PSDTX1518
CMFAN01	PELLET DRYER 1 VENT	146425, PSDTX1518
CMFAN02	PELLET DRYER 2 VENT	146425, PSDTX1518
CPE-DIST	CPE DISTILLATION UNITS	146425, PSDTX1518
CPE-REACT	CPE REACTORS	146425, PSDTX1518
CPFAN01	PELLET SILOS DUST COLLECTOR	146425, PSDTX1518
C_FUG	CPE UNIT FUGITIVES	146425, GHGPSDTX170, PSDTX1518
DMSUNLOAD	DMS UNLOADING	146425, PSDTX1518
DREFUSTN	MISCELLANEOUS DIESEL UNLOADING	146425, PSDTX1518, 106.472/09/04/2000

E-VENTGAS	EMPE PROCESS VENT GAS	146425, PSDTX1518
EADR04A	HEXENE DRYER	146425, PSDTX1518
EADR04B	HEXENE DRYER	146425, PSDTX1518
EADR05A	CA1 DRYER	146425, PSDTX1518
EADR05B	CA1 DRYER	146425, PSDTX1518
EADR06	CA2 DRYER	146425, PSDTX1518
EADR07A	ETHYLENE PURIFICATION VESSEL	146425, PSDTX1518
EADR07B	ETHYLENE PURIFICATION VESSEL	146425, PSDTX1518
EADR09	ETHYLENE CO REMOVAL VESSEL	146425, PSDTX1518
EADR10	ETHYLENE DEOXO VESSEL	146425, PSDTX1518
EBFIL01	CATALYST CYLINDER VENT FILTER	146425, PSDTX1518
ECD21	PRODUCT CHAMBER 1	146425, PSDTX1518
ECD22	PRODUCT BLOW TANK 1	146425, PSDTX1518
ECD23	PRODUCT CHAMBER 2	146425, PSDTX1518
ECD24	PRODUCT BLOW TANK 2	146425, PSDTX1518
ECFIL04	CATALYST FEEDER 1/CATALYST HOLD TANK 1 FILTER VENT	146425, PSDTX1518
ECFIL05	CATALYST FEEDER 2/CATALYST HOLD TANK 2 FILTER VENT	146425, PSDTX1518
ECFIL06	CATALYST FEEDER 3/CATALYST HOLD TANK 3 FILTER VENT	146425, PSDTX1518
ECGTO1	BLOWDOWN TURBINE	146425, PSDTX1518
ECR01	REACTOR	146425, PSDTX1518
ECT01	VENT COLUMN	146425, PSDTX1518
EDDCO4	SEED BED BIN DUST COLLECTOR	146425, PSDTX1518
EDFAN01	GRANULES HOPPER VENT DUST COLLECTOR	146425, PSDTX1518
EDFIL01	PURGE BIN VENT FILTER	146425, PSDTX1518
EEC01A	RECOVERY COMPRESSOR (2ND STAGE)	146425, PSDTX1518
EED01	RECOVERED LIQUIDS DRUM	146425, PSDTX1518

EED02	CONVEYING GAS SURGE DRUM	146425, PSDTX1518
EED03	RECOVERY COMPRESSOR INTERSTAGE ACCUMULATOR	146425, PSDTX1518
EEE01	RECOVERY VAPOR INTERCHANGER	146425, PSDTX1518
EEFIL01	RECOVERY COMPRESSOR INTAKE FILTER	146425, PSDTX1518
EEMEM01A	HYDROCARBON RECOVERY MEMBRANE UNIT	146425, PSDTX1518
EEMEM01B	NITROGEN RECOVERY MEMBRANE UNIT	146425, PSDTX1518
ELB01	ADDITIVE VACUUM BLOWER ELB01	146425, PSDTX1518
ELB02	ADDITIVE VACUUM BLOWER ELB02	146425, PSDTX1518
ELB03	ADDITIVE VACUUM BLOWER ELB03	146425, PSDTX1518
ELB04	ADDITIVE VACUUM BLOWER ELB04	146425, PSDTX1518
ELB05	ADDITIVE VACUUM BLOWER ELB05	146425, PSDTX1518
ELDC01	GRANULES FEED BIN DUST COLLECTOR	146425, PSDTX1518
ELDC03	EXTRUDER FEED CONVEYOR DUST COLLECTOR	146425, PSDTX1518
ELDC06	ZINC OXIDE DRYING HOPPER DUST COLLECTOR	146425, PSDTX1518
ELDO1	PRIMARY RUN TANK	146425, PSDTX1518
ELDO2	SECONDARY RUN TANK	146425, PSDTX1518
ELFAN01	SOLID ADDITIVES VENT DUST COLLECTOR	146425, PSDTX1518
ELFAN04	WEIGH FEEDER HOPPER EXTRACTION VENT	146425, PSDTX1518
EMDC01	PELLET SURGE BIN DUST COLLECTOR	146425, PSDTX1518
EMFAN01	PELLET DRYER 1 VENT	146425, PSDTX1518
EMFAN02	PELLET DRYER 2 VENT	146425, PSDTX1518
EPE-DIST	EMPE DISTILLATION UNITS	146425, PSDTX1518
EPE-REACT	EMPE REACTORS	146425, PSDTX1518
EPFAN01	PELLET SILOS DUST COLLECTOR	146425, PSDTX1518
E_FUG	EPE UNIT FUGITIVES	146425, GHGPSDTX170, PSDTX1518
FA-F01	PYROLYSIS FURNACE A	146425, PSDTX1518

FB-F01	PYROLYSIS FURNACE B	146425, PSDTX1518
FC-F01	PYROLYSIS FURNACE C	146425, PSDTX1518
FD-F01	PYROLYSIS FURNACE D	146425, PSDTX1518
FE-F01	PYROLYSIS FURNACE E	146425, PSDTX1518
FF-F01	PYROLYSIS FURNACE F	146425, PSDTX1518
FG-F01	PYROLYSIS FURNACE G	146425, PSDTX1518
FH-F01	PYROLYSIS FURNACE H	146425, PSDTX1518
G-VENTGAS	GLYCOL PROCESS VENT GAS	146425, PSDTX1518
GAD03	MODERATOR FEED VESSEL	146425, PSDTX1518
GAR01A	EO REACTOR 01A	146425, PSDTX1518
GAR01B	EO REACTOR 01B	146425, PSDTX1518
GBD02	RECYCLE GAS COMPRESSOR SUCTION KO DRUM	146425, PSDTX1518
GBD05	CO2 STRIPPER OVERHEAD VENT	146425, PSDTX1518
GBD06	EO CONCENTRATOR SURGE DRUM	146425, PSDTX1518
GBD09	CARBONATE DISSOLVING DRUM	146425, PSDTX1518
GBTK01	CARBONATE STORAGE TANK	146425, PSDTX1518
GBX02	MEG THERMAL OXIDIZER	146425, GHGPSDTX170, PSDTX1518
GDD07	CO2 SEPARATION VESSEL	146425, PSDTX1518
GDD08	CATALYST CHARGE VESSEL	146425, PSDTX1518
GDD09	CATALYST DRIPS VESSEL	146425, PSDTX1518
GDE11	EG-2 REACTOR TOP CONDENSER VENT	146425, PSDTX1518
GDR02	EC-2 REACTOR	146425, PSDTX1518
GDR05	EG-2 REACTOR	146425, PSDTX1518
GDT01	GLYCOL DEHYDRATOR	146425, PSDTX1518
GDTK01	CATALYST STORAGE TANK	146425, PSDTX1518
GED03	VACUUM SYSTEM CONDENSATE VESSEL	146425, PSDTX1518

GED04	GLYCOL DRAIN COLLECTION VESSEL	146425, PSDTX1518
GET01	MEG PURIFICATION COLUMN	146425, PSDTX1518
GET02	MEG RECYCLE COLUMN	146425, PSDTX1518
GETK01	GLYCOL SLOPS TANK	146425, PSDTX1518
GETK02A	MEG RUNDOWN TANK 2A	146425, PSDTX1518
GETK02B	MEG RUNDOWN TANK 2B	146425, PSDTX1518
GFFLARE01	MEG ELEVATED FLARE	146425, GHGPSDTX170, PSDTX1518
GLYUNLOAD	GLYCOL UNLOADING	146425, PSDTX1518
GREFUSTN	GASOLINE VEHICLE REFUELING STATION	146425, PSDTX1518, 106.473/09/04/2000
GUDGEN01	GLYCOL EMERGENCY GENERATOR NO. 1	146425, GHGPSDTX170, PSDTX1518
GUDGEN01TK	GLYCOL EMERGENCY GENERATOR TANK	146425, PSDTX1518
G_FUG	GLYCOL UNIT FUGITIVES	146425, GHGPSDTX170, PSDTX1518
MEOHLOAD	METHANOL LOADING MSS	146425, PSDTX1518
MEOHUNLOAD	METHANOL UNLOADING	146425, PSDTX1518
O-REGEN	OLEFINS REGENERATION VENT (RFD24)	146425, GHGPSDTX170, PSDTX1518
O-VENTGAS	OLEFINS PROCESS VENT GAS	146425, PSDTX1518
OFAF01	FURNACE A STACK	146425, GHGPSDTX170, PSDTX1518
OFBF01	FURNACE B STACK	146425, GHGPSDTX170, PSDTX1518
OFCE01	FURNACE C STACK	146425, GHGPSDTX170, PSDTX1518
OFDF01	FURNACE D STACK	146425, GHGPSDTX170, PSDTX1518
OFEF01	FURNACE E STACK	146425, GHGPSDTX170, PSDTX1518
OFFF01	FURNACE F STACK	146425, GHGPSDTX170, PSDTX1518
OFGF01	FURNACE G STACK	146425, GHGPSDTX170, PSDTX1518
OFHF01	FURNACE H STACK	146425, GHGPSDTX170, PSDTX1518
O_FUG	OLEFIN UNIT FUGITIVES	146425, GHGPSDTX170, PSDTX1518
PE-REGEN	PE REGENERATION VENT (EADR09/10)	146425, GHGPSDTX170, PSDTX1518

PROADDITIVE	CPE & EMPE ADDITIVE SOURCES	146425, PSDTX1518
PROCATLYST	CPE & EMPE CATALYST TRANSFER SOURCES	146425, PSDTX1518
PROEXTRUD	CPE & EMPE EXTRUDER SOURCES	146425, PSDTX1518
PROGRANUL1	CPE & EMPE GRANULE SOURCES	146425, PSDTX1518
PROGRANUL2	CPE & EMPE GRANULE SOURCES	146425, PSDTX1518
PROGRANUL3	CPE & EMPE GRANULE SOURCES	146425, PSDTX1518
PROLDOUT1	CPE & EMPE LOADOUT SOURCES	146425, PSDTX1518
PROLDOUT2	CPE & EMPE LOADOUT SOURCES	146425, PSDTX1518
PROMEGCMPU	MEG CHEMICAL MANUFACTURING PROCESS UNIT (CMPU)	146425, PSDTX1518
PROPELLET	CPE & EMPE PELLET PRODUCT SOURCES	146425, PSDTX1518
PROPEMCPU	PE MISC CHEM MANUFACTURING PU (MCPU)	146425, PSDTX1518
RAD02	DMS STORAGE DRUM	146425, PSDTX1518
RESIDLOAD	RESIDUE LOADING MSS	146425, PSDTX1518
RJT01	BENZENE STRIPPER	146425, PSDTX1518
RLOAD-C3	RAIL LOADING PROPYLENE (ZTLA04A-4D)	146425, PSDTX1518
RLOAD-GB	RAIL LOADING GLYCOL BLEED (ZTLA07A-7B)	146425, PSDTX1518
RLOAD-HFO	RAIL LOADING HFO (ZTLA05A-5B)	146425, PSDTX1518
RLOAD-HG	RAIL LOADING HEAVY GLYCOL (ZTLA06A-6B)	146425, PSDTX1518
RLOAD-MEG	RAIL LOADING MEG (ZTLA02A-2D)	146425, PSDTX1518
RLUNLOAD-A	RAIL UNLOADING AREA A	146425, PSDTX1518
RLUNLOAD-B	RAIL UNLOADING AREA B	146425, PSDTX1518
SCTOTE-GLY	SPENT CATALYST TOTE	146425, PSDTX1518
SLOPUNLOAD	SLOP UNLOADING	146425, PSDTX1518
TKUNLOAD-A	TRUCK UNLOADING AREA A	146425, PSDTX1518
TKUNLOAD-B	TRUCK UNLOADING AREA B	146425, PSDTX1518
TLOAD-MEG	TRUCK LOADING MEG (ZTLA01A-1B)	146425, PSDTX1518

TLOAD-SLOP	TRUCK LOADING SLOP OIL (ZTLA03A-3B)	146425, PSDTX1518
TOTES	SITE TOTES	146425, PSDTX1518
UCCT01	UTILITIES COOLING TOWER	146425, PSDTX1518
UCTK01	HYPOCHLORITE STORAGE TANK	146425, PSDTX1518
UFF01A	OFFSITES & UTILITIES THERMAL OXIDIZER A	146425, GHGPSDTX170, PSDTX1518
UFF01B	OFFSITES & UTILITIES THERMAL OXIDIZER B	146425, GHGPSDTX170, PSDTX1518
UFFLARE01	MULTI-POINT GROUND FLARE	146425, GHGPSDTX170, PSDTX1518
UFFLARE02	SHARED ELEVATED LP FLARE	146425, GHGPSDTX170, PSDTX1518
UKDGEN01	OLEFINS EMERGENCY GENERATOR NO. 1	146425, GHGPSDTX170, PSDTX1518
UKDGEN01TK	OLEFINS EMERGENCY GENERATOR NO. 1 TANK	146425, PSDTX1518
UKDGEN02	UTILITIES EMERGENCY GENERATOR NO. 2	146425, GHGPSDTX170, PSDTX1518
UKDGEN02TK	UTILITIES EMERGENCY GENERATOR NO. 2 TANK	146425, PSDTX1518
USSG01A	UTILITIES BOILER A	146425, GHGPSDTX170, PSDTX1518
USSG01B	UTILITIES BOILER B	146425, GHGPSDTX170, PSDTX1518
USSG01C	UTILITIES BOILER C	146425, GHGPSDTX170, PSDTX1518
UTD02	AQUEOUS AMMONIA STORAGE DRUM	146425, PSDTX1518
UTD04	WASH OIL STORAGE DRUM	146425, PSDTX1518
UTTK04	SULFURIC ACID STORAGE TANK	146425, PSDTX1518
U_FUG	UTILITIES FUGITIVES	146425, GHGPSDTX170, PSDTX1518
U_LAB	LABORATORY OPERATION VENTS	146425, PSDTX1518
WASHUNLOAD	WASH OIL UNLOADING	146425, PSDTX1518
ZFP02B	FIREWATER PUMP NO. 1	146425, GHGPSDTX170, PSDTX1518
ZFP02C	FIREWATER PUMP NO. 2	146425, GHGPSDTX170, PSDTX1518
ZFTK02B	FIREWATER PUMP DIESEL TANK 2B	146425, PSDTX1518
ZFTK02C	FIREWATER PUMP DIESEL TANK 2C	146425, PSDTX1518
ZMTK01	GASOLINE INFRASTRUCTURE TANK	146425, PSDTX1518



ZMTK02	DIESEL INFRASTRUCTURE TANK	146425, PSDTX1518
ZTD08	CONDENSING AGENT 1 STORAGE BULLET	146425, PSDTX1518
ZTD09	CONDENSING AGENT 2 STORAGE BULLET	146425, PSDTX1518
ZTD10A	DILUTE PROPYLENE STORAGE BULLET	146425, PSDTX1518
ZTD10B	DILUTE PROPYLENE STORAGE BULLET	146425, PSDTX1518
ZTD10C	DILUTE PROPYLENE STORAGE BULLET	146425, PSDTX1518
ZTD11A	BUTENE STORAGE BULLET	146425, PSDTX1518
ZTD11B	BUTENE STORAGE BULLET	146425, PSDTX1518
ZTD12	OILY WATER COALESCER	146425, PSDTX1518
ZTTK01	CAUSTIC STORAGE TANK	146425, PSDTX1518
ZTTK02	HEAVY GLYCOL STORAGE TANK	146425, PSDTX1518
ZTTK03	GLYCOL BLEED STORAGE TANK	146425, PSDTX1518
ZTTK04	SLOP OIL STORAGE TANK	146425, PSDTX1518
ZTTK05	HEXENE STORAGE TANK	146425, PSDTX1518
ZTTK06A	HEAVY FUEL OIL STORAGE TANK	146425, PSDTX1518
ZTTK06B	HEAVY FUEL OIL STORAGE TANK	146425, PSDTX1518
ZWFOS01	EQUALIZATION TANK 1 OIL SKIMMER	146425, PSDTX1518
ZWFOS02	EQUALIZATION TANK 2 OIL SKIMMER	146425, PSDTX1518
ZWTK01	EQUALIZATION TANK 1	146425, PSDTX1518
ZWTK02	EQUALIZATION TANK 2	146425, PSDTX1518

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

## Alternative Requirement

Alternative Requirement.....	300
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Jon Niemann, *Chairman*  
Emily Lindley, *Commissioner*  
Bobby Janecka, *Commissioner*  
Toby Baker, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

July 16, 2021

MR TERRY BOLES  
PRESIDENT  
GULF COAST GROWTH VENTURES LLC  
1735 HUGHES LANDING BLVD  
THE WOODLANDS TX 77380-1688

Re: Alternative Method of Compliance (AMOC) No. 181  
Utility Boilers Alternative Fuel Sampling  
Regulated Entity Number: RN109753731  
Customer Reference Number: CN605632439  
Associated Permit Numbers: 146425, PSDTX1518, and O4169

Dear Mr Boles:

This correspondence is in response to Gulf Coast Growth Ventures LLC's (GCGV's) June 14, 2021 request for alternative fuel sampling of the Utility Boilers to comply with sulfur dioxide (SO<sub>2</sub>) requirements under 40 CFR 60 Subpart Db, Industrial-Commercial-Institutional Steam Generating Units (NSPS Db).

GCGV has three (3) new gas-fired boilers (EPNs USSG01A, USSG01B, USSG01C) which are fired by inherently low sulfur fuel gases or process gases. These boilers are applicable to 40 CFR 60 Subpart Db (NSPS Db) requiring weekly grab sampling of the fuel. Permit No. 146425 and PSDTX1518 requires semi-annual testing of the fuel gas stream to the boilers and a continuous total sulfur analyzer on the vent stream to the boilers. We understand GCGV is proposing to conduct a fuel gas sample once every three calendar months (quarterly) and use data gathered by the online total sulfur analyzer for the vent gas to demonstrate compliance with NSPS Db SO<sub>2</sub> standards.

The Texas Commission on Environmental Quality (TCEQ) Executive Director has made a final decision to approve your AMOC request based on the more accurate continuous sulfur analyzer and the federal rules allowing quarterly testing of the fuel gas. The TCEQ has been delegated authority to enforce the above cited standards and is authorized to approve this AMOC. You are reminded that approval of any AMOC shall not abrogate the Executive Director or Administrator's authority under the Act or in any way prohibit later canceling the AMOC. By copy of this letter we are informing the Environmental Protection Agency, Region 6, of this decision as required by TCEQ's delegation of authority.

This AMOC approval may supersede certain requirements or representations in Permit Nos. 146425 and PSDTX1518. To ensure effective and consistent enforceability, we request that GCGV incorporate this AMOC into the permit(s) through submittal of alteration(s) no later than 90 days after this approval.

This approval may also change applicable requirements for the site, which are identified in the site operating permit (SOP) O4169. The TCEQ recommends the submittal of a SOP administrative revision if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

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July 16, 2021  
Page 2  
MR TERRY BOLES

Re: Permit Numbers: 146425, PSDTX1518, and O4169

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

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  
Texas Commission on Environmental Quality

cc: Air Section Manager, Region 14 - Corpus Christi  
Jesse E. Chacon, P.E., Manager, Operating Permits Section, Air Permits Division, OA: MC-163  
Rebecca Partee, Manager, Chemical New Source Review Permits Section, Air Permits Division,  
OA: MC-163  
Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection  
Agency, Region 6, Dallas

Project Number: 330170

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*

September 16, 2021

MS CHRYSTAL CARTER  
ENVIRONMENTAL SENIOR TECHNICAL ADVISOR  
GULF COAST GROWTH VENTURES LLC  
PO BOX 367  
GREGORY TX 78359-0367

Re: Alternative Method of Compliance (AMOC) No. 138 Revision  
Multipoint Ground Flare  
Update Representations  
Regulated Entity Number: RN109753731  
Customer Reference Number: CN605632439  
Associated Permit Numbers: 146425, GHGPSDTX170, and PSDTX1518

Dear Ms Carter:

This correspondence is in response to Gulf Coast Growth Ventures LLC's (GCGV's) September 8, 2021 request to revise the AMOC representations for the Multipoint Ground Flare (MPGF) which is used to comply with Subchapter B: General Volatile Organic Compound Sources, Division 1: Storage of VOCs and Division 2: Vent Gas Control, as well as applicable federal rules.

We understand that GCGV is requesting that natural gas be used as fuel used during initial start-up of the site and when the MPGF system is in standby mode. This change in representations does not result in a change in the method of control of emissions, a change in the character of emissions, an increase in the emission rate of any air contaminant and will meet all permit and MAERT requirements. Additionally, GCGV confirms that the MPGF will continue to comply with the operational requirements of the AMOC and federal regulations.

The Texas Commission on Environmental Quality (TCEQ) Executive Director has made a final decision to approve your AMOC request. The updated AMOC Plan Conditions, which include updates to paragraphs (B) and (F)(1)(g), are attached to this correspondence. You are reminded that approval of any AMOC shall not abrogate the Executive Director or Administrator's authority under the Act or in any way prohibit later canceling the AMOC. By copy of this letter, we are informing the Environmental Protection Agency, Region 6.

This AMOC approval may supersede certain requirements or representations in Permit Nos. 146425, GHGPSDTX170, and PSDTX1518. To ensure effective and consistent enforceability, we request that GCGV incorporate this AMOC revision into the permits through submittal of alteration no later than 90 days after this approval.

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September 16, 2021  
Page 2  
MS CRYSTAL CARTER

Re: Permit Numbers: 146425, GHGPSDTX170, and PSDTX1518

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

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  
Texas Commission on Environmental Quality

cc: Air Section Manager, Region 14 - Corpus Christi  
Rebecca Partee, Manager, Chemical New Source Review Permits Section, Air Permits Division,  
OA: MC-163

Project Number: 333161

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



Alternative Method of Control (AMOC) Plan

Gulf Coast Growth Ventures, LLC

AMOC No.: AMOC-138

GCGV Complex Multi-Point Ground Flare (MPGF) System

Gregory, San Patricio County, Regulated Entity Number: RN109753731

- A. This AMOC Plan Authorization shall apply at the Gulf Coast Growth Ventures, LLC (GCGV), Olefins and Polyethylene Plants located near Gregory, San Patricio County. This site is identified by Regulated Entity Number RN109753731. Under Title 30 Texas Administrative Code (TAC) Section 115.910 (§115.910) this plan authorizes a multi-point ground flare (MPGF) system identified as EPN UFFLARE01. This plan is specific to the high-pressure operations of MPGF system which will be used intermittently during routine process operations, planned maintenance, start-ups, and shutdowns (MSS), including but not limited to operational transitions, catalyst change outs, grade changes, and unplanned emergency and upset situations.
- B. A copy of the AMOC application and the AMOC Plan provisions must be kept on-site or at a centralized location and made available at the request of personnel from the TCEQ or any pollution control agency with jurisdiction. The AMOC application is defined by the application received December 19, 2019 and subsequent supporting information dated through August 18, 2020.
- C. This authorization is granted under § 115.910 for emissions sources regulated by 30 TAC Chapter 115, Subchapter B: General Volatile Organic Compound Sources, Division 2: Vent Gas Control.

This AMOC shall apply in lieu of the requirements listed above, as applicable. Compliance with this AMOC is independent of GCGV's obligation to comply with all other applicable requirements of 30 TAC Chapter 115, TCEQ permits, and applicable state and federal law. The monitoring and testing requirements of 30 TAC Chapter 115 shall continue to apply.

- D. In accordance with § 115.913(c), all representations submitted for this plan, as well as the provisions listed here, become conditions upon which this AMOC Plan is issued. It is unlawful to vary from the emission limits, control requirements, monitoring, testing, reporting or recordkeeping requirements of this Plan.
- E. The flare system is authorized under Permit Nos. 146425, PSDTX1518, and GHGPSDTX170 and subject to this AMOC plan. The flare system uses Zeeco Model MJ-4 burners controlling intermittent activities. When the high-pressure vent header sends waste gas to the MPGF, the burners will exceed the tip velocity portions of §60.18, §63.11, and 30 TAC Chapter 115. In these instances, the burners and stages will meet the requirements in paragraph F.

The MPGF system has 19 stages with a total of 630 burners with three (3) pilots per stage. All high-pressure stages are designed to operate as non-assisted. Operations of the MPGF burners will achieve a reduction in emissions at least equivalent to the reduction in emissions being controlled by a steam-assisted, air-assisted, or non-assisted flare complying with the requirements of §§ 115.122(a)(1)-(2) or 40 CFR 60.18(b).

- F. When regulated flare vent gas is being sent to the flare and the burners exceed the tip velocity requirements of §60.18, §63.11, and 30 TAC Chapter 115, the burners must be operated such that the following are met:
1. **Operating Requirements:** The net heating value of the flare vent gas combustion zone ( $NHV_{cz}$ ) is greater than or equal to 800 British thermal units per standard cubic foot (Btu/scf); or the combustion zone gas lower flammability limit ( $LFL_{cz}$ ) is less than or equal to 6.5 percent by volume. The owner or operator must

demonstrate compliance with the  $NHV_{cz}$  or  $LFL_{cz}$  metric by continuously complying with a 15-minute block average. The operator must calculate and monitor for the  $NHV_{cz}$  or  $LFL_{cz}$  according to the following:

**a. Calculation of  $NHV_{cz}$**

- i. Option #1: If any owner or operator elects to use a monitoring system capable of continuously measuring, calculating, and recording the individual component concentrations present in the flare gas, the net heating value shall be determined using the following equation:

$$NHV_{vg} = \sum_{i=1}^n x_i NHV_i$$

Where:

$NHV_{vg}$  = Net heating value of flare vent gas, British thermal units per standard cubic foot (Btu/scf).

Flare vent gas means all gas found just prior to the MPGFs. This gas includes all flare waste gas (i.e., gas from facility operations that is directed to a flare for the purpose of disposing of the gas), flare sweep gas, flare purge gas and flare supplemental gas, but does not include pilot gas.

$i$  = Individual component in flare vent gas.

$n$  = Number of components in flare vent gas.

$x_i$  = Concentration of component  $i$  in flare vent gas, volume percent (vol %).

$NHV_i$  = Net heating value of component  $i$  determined as the heat of combustion where the net enthalpy per mole of offgas is based on combustion at 25 degrees Celsius °C and 1 atmosphere (or constant pressure) with water in the gaseous state from values published in the literature, and then the values converted to a volumetric basis using 20 °C for "standard temperature." Table 1 summarizes component properties including net heating values.

- ii. Option #2: If the owner or operator uses a continuous net heating value monitor, the owner or operator may, at their discretion, install, operate, calibrate, and maintain a monitoring system capable of continuously measuring, calculating, and recording the hydrogen concentration in the flare vent gas. The owner or operator shall use the following equation to determine  $NHV_{vg}$  for each sample measured via the net heating value monitoring system.

$$NHV_{vg} = NHV_{measured} + 938 X_{H2}$$

Where:

$NHV_{vg}$  = Net heating value of flare vent gas, BTU/scf.

$NHV_{measured}$  = Net heating value of flare vent gas stream as measured by the continuous net heating value monitoring system, BTU/scf.

$X_{H2}$  = Concentration of hydrogen in flare vent gas at the time the sample was input into the net heating value monitoring system, volume fraction.

938 = Net correction for the measured heating value of hydrogen (1,212 - 274 BTU/scf).

- iii. For this MPGF,  $NHV_{vg} = NHV_{cz}$ .

**b. Calculation of  $LFL_{cz}$**

- (i) The owner or operator shall determine  $LFL_{cz}$  from compositional analysis data by using the following equation:

$$LFL_{vg} = \frac{1}{\sum_{i=1}^n \left[ \frac{x_i}{LFL_i} \right]} \times 100 \%$$

Where:

$LFL_{vg}$  = Lower flammability limit of flare vent gas, volume percent (vol %)

$n$  = Number of components in the vent gas.

$i$  = Individual component in the vent gas.

$x_i$  = Concentration of component  $i$  in the vent gas, vol %.

$LFL_i$  = Lower flammability limit of component  $i$  as determined using values published by the U.S. Bureau of Mines (Zabetakis, 1965), vol %. All inerts, including nitrogen, are assumed to have an infinite LFL (e.g.,  $LFL_{N2} = \infty$ , so that  $cN2/LFL_{N2} = 0$ ). LFL values for common flare vent gas components are provided in Table 1.

- ii. For this MPGF,  $LFL_{vg} = LFL_{cz}$ .



- c. Calculation of  $V_{tip}$  is not applicable to this MPGF.
- d. The operator shall install, operate, calibrate and maintain a monitoring system capable of continuously measuring flare vent gas volumetric flow rate ( $Q_{vg}$ ) and the total steam volumetric flow rate ( $Q_s$ ), as applicable.
  - i. The flow rate monitoring system must be able to correct for the temperature and pressure of the system and output parameters in standard conditions (i.e., a temperature of 20 degrees C (68 ° F) and a pressure of 1 atmosphere).
  - ii. Mass flow monitors may be used for determining volumetric flow rate of flare vent gas provided the molecular weight of the flare vent gas is determined using compositional analysis so that the mass flow rate can be converted to volumetric flow at standard conditions using the following equation:

$$Q_{vol} = \frac{Q_{mass} \times 385.3}{MW_t}$$

Where:

$Q_{vol}$  = volumetric flow rate in scf per second (scf/s).

$Q_{mass}$  = mass flow rate in pounds per second (lb/s)

385.3 = conversion factor scf per pound-mole

$MW_t$  = molecular weight of the gas at the flow monitoring location, pounds per pound-mole

- e. The operator shall install, operate, calibrate and maintain a monitoring system capable of continuously measuring (i.e., at least once every 15-minutes) temperature consistent with the applicable requirements in 30 TAC Chapter 115 for purposes of correcting flow rate to standard conditions. The monitor must meet the accuracy and calibration specifications annually.

For each measurement produced by monitoring systems, the operator shall determine the 15-minute block average as the arithmetic average of all measurements made by the monitoring system within the 15-minute period.

- f. The operator must follow the calibration and maintenance procedures according to Table 2. Monitor downtime associated with maintenance periods, instrument adjustments or checks to maintain precision and accuracy and zero and span adjustments may not exceed 5 percent of the time the flare is receiving regulated material. Calibration and maintenance procedures conducted when the flare is not receiving regulated material are excluded from the monitor downtime calculation.
- g. During flare standby, the operator will maintain the net heating value at a minimum of 800 Btu/scf by applying a continuous ethane or natural gas backflow purge into the flare charge header. Maintaining a high minimum BTU in the flare charge header will ensure proper flare operation (cross-lighting and flame stability) upon initiation of a flaring event. This continuous ethane or natural gas backflow purge is set at a fixed flow rate which will be estimated using engineering calculations in lieu of continuous volumetric flow monitoring.

## 2. Pilot Flame Requirements:

- a. The MPGF systems shall be operated with a flame present at all times when in use.
- b. Each stage of MPGF burners must have at least two pilots with a continuously lit pilot flame.
- c. Each pilot flame must be continuously monitored by a thermocouple or any other equivalent device (such as the video camera required for visible emission monitoring as outlined in 3 below), used to detect the presence of a flame.
- d. The time, date and duration of any complete loss of pilot flame on any stage of burners must be recorded.
- e. Each monitoring device must be maintained or replaced at a frequency in accordance with the manufacturer's specifications.

**3. Visible Emission Requirements:**

- a. When the flare is receiving regulated material, the flare system shall be operated with no visible emissions except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.
- b. A video camera that is capable of continuously recording (*i.e.*, at least one frame every 15 seconds with time and date stamps) images of the flare flame and a reasonable distance above the flare flame at an angle suitable for visible emissions observations must be used to demonstrate compliance with this requirement.
- c. The owner or operator must provide real-time video surveillance camera output to the control room or other continuously manned location where the video camera images may be viewed at any time.

Video camera downtime associated with maintenance periods and camera adjustments may not exceed 5 percent of the time the flare is receiving regulated material. Maintenance and adjustment procedures conducted when the flare is not receiving regulated material are excluded from the video camera downtime calculation.

**4. Pressure Monitor Requirements:**

- a. The operator of the flare system shall install and operate pressure monitor(s) on the main flare header, and
- b. a valve position indicator monitoring systems for each staging valve to ensure that the flare system operates within the range of tested conditions or within the range of the manufacturer's specifications.
- c. The pressure monitor shall meet the requirements in Table 2.
- d. Monitor downtime associated with maintenance periods, instrument adjustments or checks to maintain precision and accuracy and zero and span adjustments may not exceed 5 percent of the time the flare is receiving regulated material. Calibration and maintenance procedures conducted when the flare is not receiving regulated material are excluded from the monitor downtime calculation.

**5. Recordkeeping Requirements:**

All data must be recorded and maintained for a minimum of five years or for as long as applicable rule subpart(s) specify flare records should be kept, whichever is longer. Records must be maintained onsite and made available upon request by authorized representatives of the executive director, U.S. EPA, and any local air pollution control agency with jurisdiction.

**6. Reporting Requirements**

- a. The information specified in (b) and (c) below should be reported in the timeline specified by the applicable rules for which the flare system will control emissions.
- b. Owners or operators should include the final operating requirements for each flare in their initial Notification of Compliance (NOC) status report (including but not limited to the items listed in F.6.c.).
- c. The owner or operator shall notify the Administrator of periods of excess emissions in their Periodic Reports.
- d. All MPGF shall include the following in their NOC, reports, and records:
  - i. Each 15-minute block during which there was at least one minute when regulated material was routed to the MPGFs and a complete loss of pilot flame on any stage or any individual burner(s) occurred.
  - ii. Periods of visible emissions events (including time and date stamp) that exceed more than 5 minutes in any 2 hour consecutive period.
  - iii. Each 15-minute block period for which an applicable combustion zone operating limit (*i.e.*,  $NHVC_{cz}$  or  $LFL_{cz}$ ) is not met for the flare system when regulated material is being combusted in the flare. Indicate the date and time for each period, the  $NHVC_{cz}$  and/or  $LFL_{cz}$  operating parameter for the period, the type of

monitoring system used to determine compliance with the operating parameters (e.g., gas chromatograph or calorimeter), and the flare stages which were in use.

- iv. Periods when the pressure monitor(s) on the main flare header show the flare burners are operating outside the range of tested conditions or outside the range of the manufacturer's specifications. Indicate the date and time for each period, the pressure measurement, the stage(s) and number of flare burners affected and the range of tested conditions or manufacturer's specifications.
- v. Periods when the staging valve position indicator monitoring system indicates a stage of the flare system should not be in operation but is; or when a stage of the MPGF should be in operation but is not. Indicate the date and time for each period, whether the stage was supposed to be open but was closed or vice versa and the stage(s) and number of flare burners affected.

**Table 1 — Individual Component Properties**

<u>Component</u>	<u>Molecular Formula</u>	<u>MW</u> <u>(lb/ lb mol)</u>	<u>NHV</u> <u>(Btu/scf)</u>	<u>LFL</u> <u>(volume %)</u>
Acetylene	C <sub>2</sub> H <sub>2</sub>	26.04	1,404	2.5
Benzene	C <sub>6</sub> H <sub>6</sub>	78.11	3,591	1.3
1,2- Butadiene	C <sub>4</sub> H <sub>6</sub>	54.09	2,794	2.0
1,3- Butadiene	C <sub>4</sub> H <sub>6</sub>	54.09	2,690	2.0
iso-Butane	C <sub>4</sub> H <sub>10</sub>	58.12	2,957	1.8
n-Butane	C <sub>4</sub> H <sub>10</sub>	58.12	2,968	1.8
cis-Butene	C <sub>4</sub> H <sub>8</sub>	56.11	2,830	1.6
iso-Butene	C <sub>4</sub> H <sub>8</sub>	56.11	2,928	1.8
trans-Butene	C <sub>4</sub> H <sub>8</sub>	56.11	2,826	1.7
Carbon Dioxide	CO <sub>2</sub>	44.01	0	∞
Carbon Monoxide	CO	28.01	316	12.5
Cyclopropane	C <sub>3</sub> H <sub>6</sub>	42.08	2,185	2.4
Ethane	C <sub>2</sub> H <sub>6</sub>	30.07	1,595	3.0
Ethylene	C <sub>2</sub> H <sub>4</sub>	28.05	1,477	2.7
Hydrogen	H <sub>2</sub>	2.02	1,212 <sup>(*)</sup>	4.0
Hydrogen Sulfide	H <sub>2</sub> S	34.08	587	4.0
Methane	CH <sub>4</sub>	16.04	896	5.0
MethylAcetylene	C <sub>3</sub> H <sub>4</sub>	40.06	2,088	1.7
Nitrogen	N <sub>2</sub>	28.01	0	∞
Oxygen	O <sub>2</sub>	32.00	0	∞
Pentane+ (C5+)	C <sub>5</sub> H <sub>12</sub>	72.15	3,655	1.4
Propadiene	C <sub>3</sub> H <sub>4</sub>	40.06	2,066	2.16
Propane	C <sub>3</sub> H <sub>8</sub>	44.10	2,281	2.1
Propylene	C <sub>3</sub> H <sub>6</sub>	42.08	2,150	2.4
Water	H <sub>2</sub> O	18.02	0	∞

\* The theoretical net heating value for hydrogen is 274 BTU/scf, but for the purposes of the flare requirement, a net heating value of 1,212 BTU/scf shall be used.

**Table 2 — Accuracy and Calibration Requirements**

Parameter	Accuracy requirements	Calibration requirements
Flare Vent Gas Flow Rate	<p>±20 percent of flow rate at velocities ranging from 0.1 to 1 foot per second.</p> <p>±5 percent of flow rate at velocities greater than 1 foot per second.</p>	<p>Performance evaluation biennially (every two years) and following any period of more than 24 hours throughout which the flow rate exceeded the maximum rated flow rate of the sensor, or the data recorder was off scale.</p> <p>Conduct monthly AVO fugitive emission monitoring on each connection point. Visual inspections and checks of system operation every 3 months, unless the system has a redundant flow sensor.</p> <p>Select a representative measurement location where swirling flow or abnormal velocity distributions due to upstream and downstream disturbances at the point of measurement are minimized.</p>
Flow Rate for All Flows Other Than Flare Vent Gas	<p>± 5% over normal range of flow measured or 0.5 gal/min whichever greater for liquid flow.</p> <p>± 5% over normal range of flow measured 10 ft<sup>3</sup>/min, whichever greater for gas flow.</p> <p>± 5% over normal range measured for mass flow</p>	<p>Conduct a flow sensor calibration check at least biennially (every 2 years); conduct a calibration check following any period of more than 24 hours throughout which the flow rate exceeded the manufacturer's specified maximum rated flow rate or install a new flow sensor. At least quarterly, inspect all components for leakage, unless the continuous parameter monitoring system (CPMS) has a redundant flow sensor. Record the results of each calibration check and inspection.</p> <p>Locate the flow sensor(s) and other necessary equipment (such as straightening vanes) in a position that provides representative flow; reduce swirling flow or abnormal velocity distributions due to upstream and downstream disturbances.</p>
Pressure	<p>±5 percent over the normal range measured or 0.12 kilopascals (0.5 inches of water column), whichever is greater.</p>	<p>Review pressure sensor readings at least once a week for straight-line (unchanging) pressure and perform corrective action to ensure proper pressure sensor operation if blockage is indicated.</p> <p>Performance evaluation annually and following any period of more than 24 hours throughout which the pressure exceeded the maximum rated pressure of the sensor, or the data recorder was off scale. Checks of all mechanical connections for leakage monthly. Visual inspection of all components for integrity, oxidation, and galvanic corrosion every 3 months, unless the system has a redundant pressure sensor.</p> <p>Select a representative measurement location that minimizes or eliminates pulsating pressure, vibration, and internal and external corrosion.</p>
Net Heating Value by Calorimeter	<p>±2 percent of span</p>	<p>Calibration requirements should follow manufacturer's recommendations at a minimum.</p> <p>Temperature control (heated and/or cooled as necessary) the sampling system to ensure proper year-round operation.</p> <p>Where feasible, select a sampling location at least two equivalent diameters downstream from and 0.5 equivalent diameters upstream from the nearest disturbance. Select the sampling location at least two equivalent duct diameters from the nearest control device, point of pollutant generation, air in leakages, or other point at which a change in the pollutant concentration or emission rate occurs.</p>
Net Heating Value by Gas Chromatograph	<p>As specified in Performance Specification 9 of 40 CFR part 60 Appendix B.</p>	<p>Follow the procedure in Performance Specification 9 of 40 CFR Part 60 Appendix B, except that a single daily mid-level calibration check can be used, a triplicate mid-level check weekly, and the multi-point calibration can be conducted quarterly (rather than monthly), and the sampling line temperature must be maintained at a minimum temperature of 60 °C (rather than 120 °C).</p>
Hydrogen Analyzer	<p>± 2% over concentration measured or 0.1 vol% whichever is greater</p>	<p>Specify calibration requirements in your site specific CPMS monitoring plan.</p> <p>Calibration requirements should follow manufacturer's recommendations at a minimum. Specify the sampling location at least 2 equivalent duct diameters from the nearest control device, point of pollutant generation, air in-leakages, or other point at which a change in the pollutant concentration occurs.</p>

## Appendix A

Acronym List.....	311
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## 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 <sub>2</sub> 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 <sub>x</sub> .....	nitrogen oxides
NSPS.....	New Source Performance Standard (40 CFR Part 60)
NSR.....	New Source Review
ORIS.....	Office of Regulatory Information Systems
Pb.....	lead
PBR.....	Permit By Rule
PEMS.....	predictive emissions monitoring system
PM.....	particulate matter
ppmv.....	parts per million by volume
PRO.....	process unit
PSD.....	prevention of significant deterioration
psia.....	pounds per square inch absolute
SIP.....	state implementation plan
SO <sub>2</sub> .....	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..... 313**

**Major NSR Summary Table**

Permit Number: GHGPSDTX170				Issuance Date: 02/04/2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
O_FAF01	Pyrolysis Furnace A	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
O_FBF01	Pyrolysis Furnace B	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
O_FCF01	Pyrolysis Furnace C	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
O_FDF01	Pyrolysis Furnace D	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			



O_FEF01	Pyrolysis Furnace E	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
O_FFF01	Pyrolysis Furnace F	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
O_FGF01	Pyrolysis Furnace G	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
O_FHF01	Pyrolysis Furnace H	CO <sub>2</sub> (5)	—	5, 7	5, 7	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
O_F_CAP	Total Emissions from EPNs O_FAF01, O_FBF01, O_FCF01, O_FDF01, O_FEF01, O_FFF01, O_FGF01, O_FHF01	CO <sub>2</sub> (5)	1555774.36	5, 7	5, 7	
		CH <sub>4</sub> (5)	129.80			
		N <sub>2</sub> O (5)	25.96			
		CO <sub>2</sub> e	1566755.63			
UFFLARE01	Multi-point Ground Flare	CO <sub>2</sub> (5)	—	8	8	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			

UFFLARE02	Shared Elevated Flare	CO <sub>2</sub> (5)	—	8	8	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
CAPUFFLR	Total Emissions from EPNs UFFLARE 01, UFFLARE02	CO <sub>2</sub> (5)	150087.73	8	8	
		CH <sub>4</sub> (5)	93.95			
		N <sub>2</sub> O (5)	1.50			
		CO <sub>2</sub> e	152883.64			
CAPUFFLR	Total Emissions from EPNs UFFLARE 01, UFFLARE02 (Shakedown Period)	CO <sub>2</sub> (5)	191633.46	8, 11	8, 11	
		CH <sub>4</sub> (5)	116.32			
		N <sub>2</sub> O (5)	1.92			
		CO <sub>2</sub> e	195085.70			
O-REGEN	Olefins Regeneration Vent	CO <sub>2</sub> (5)	17.18			
		CO <sub>2</sub> e	17.18			
GFFLARE01	MEG Elevated Flare	CO <sub>2</sub> (5)	—	9	9	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
GBX02	MEG Thermal Oxidizer	CO <sub>2</sub> (5)	—	9	9	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			

GLYCAP	Total Emissions from EPNs GFFLARE01, GBX02	CO <sub>2</sub> (5)	428930.74	9	9	
		CH <sub>4</sub> (5)	195.17			
		N <sub>2</sub> O (5)	0.94			
		CO <sub>2</sub> e	434091.18			
GLYCAP	Total Emissions from EPNs GFFLARE01, GBX02 (Shakedown Period)	CO <sub>2</sub> (5)	435416.28	9, 11	9, 11	
		CH <sub>4</sub> (5)	199.23			
		N <sub>2</sub> O (5)	1.01			
		CO <sub>2</sub> e	440697.54			
USSG01A	Utilities Boiler A	CO <sub>2</sub> (5)	—	5, 6	5, 6	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
USSG01B	Utilities Boiler B	CO <sub>2</sub> (5)	—	5, 6	5, 6	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
USSG01C	Utilities Boiler C	CO <sub>2</sub> (5)	—	5, 6	5, 6	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			

USSG01CAP	Total Emissions from EPNs USSG01A, USSG01B, USSG01C	CO <sub>2</sub> (5)	676557.06	5, 6	5, 6	
		CH <sub>4</sub> (5)	45.63			
		N <sub>2</sub> O (5)	9.13			
		CO <sub>2</sub> e	680417.66			
UFF01A	Shared Thermal Oxidizer A	CO <sub>2</sub> (5)	—	8	8	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
UFF01B	Shared Thermal Oxidizer B	CO <sub>2</sub> (5)	—	8	8	
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
UFF01	Total Emissions from EPNs UFF01A, UFF01B	CO <sub>2</sub> (5)	63536.78	8	8	
		CH <sub>4</sub> (5)	191.84			
		N <sub>2</sub> O (5)	0.64			
		CO <sub>2</sub> e	68522.08			
EMGGEN01	Olefins Emergency Generator No. 1	CO <sub>2</sub> (5)	—			
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
EMGGEN02	Utilities Emergency Generator No. 2	CO <sub>2</sub> (5)	—			
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			

ADMINGEN	Admin Emergency Generator No. 1	CO <sub>2</sub> (5)	—			
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
FWP1	Firewater Pump No.1	CO <sub>2</sub> (5)	—			
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
FWP2	Firewater Pump No. 2	CO <sub>2</sub> (5)	—			
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
GLYGEN01	Glycol Emergency Generator No. 1	CO <sub>2</sub> (5)	—			
		CH <sub>4</sub> (5)	—			
		N <sub>2</sub> O (5)	—			
		CO <sub>2</sub> e	—			
ENGINECAP	Emergency Generator and Firewater Pump Cap	CO <sub>2</sub> (5)	1132.44			
		CH <sub>4</sub> (5)	0.05			
		N <sub>2</sub> O (5)	0.01			
		CO <sub>2</sub> e	1136.33			
MSS_CAP	Maintenance, Startup and Shutdown Cap	CO <sub>2</sub> (5)	78.59	11	11	
		CH <sub>4</sub> (5)	0.24			
		N <sub>2</sub> O (5)	< 0.01			
		CO <sub>2</sub> e	84.75			

MSS_TANK	Tank Maintenance, Startup and Shutdown Cap	CO <sub>2</sub> (5)	314.34	11	11	
		CH <sub>4</sub> (5)	0.95			
		N <sub>2</sub> O (5)	< 0.01			
		CO <sub>2</sub> e	339.01			
O_FUG	Olefins Unit Fugitives	CH <sub>4</sub> (5)	10.49	10	10	
		CO <sub>2</sub> e	262.21			
		CO <sub>2</sub> e	—			
PE_FUG	Total Emissions from EPNs E_FUG, C_FUG	CH <sub>4</sub> (5)	0.9	10	10	
		CO <sub>2</sub> e	2.21			
G_FUG	Glycol Unit Fugitives	CO <sub>2</sub> (5)	0.76	10	10	
		CH <sub>4</sub> (5)	2.11			
		CO <sub>2</sub> e	53.62			
U_FUG	Utilities Fugitives	CH <sub>4</sub> (5)	6.27	10	10	
		CO <sub>2</sub> e	156.69			
PE_REGEN	PE Regeneration Vent	CO <sub>2</sub> (5)	38.40			
		CO <sub>2</sub> e	38.40			
ZWSRCO1A/B	Equalization Tanks Catalytic Oxidizer	CO <sub>2</sub> (5)	573.68	8	8	
		CH <sub>4</sub> (5)	1.73			
		N <sub>2</sub> O (5)	< 0.01			
		CO <sub>2</sub> e	618.69			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) CO<sub>2</sub> - carbon dioxide  
N<sub>2</sub>O - nitrous oxide  
CH<sub>4</sub> - methane  
CO<sub>2</sub>e - carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):

CO<sub>2</sub> (1), N<sub>2</sub>O (298), CH<sub>4</sub>(25), SF<sub>6</sub> (22,800), HFC (various), PFC (various)

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

**Major NSR Summary Table**

Permit Numbers: 146425 and PSDTX1518					Issuance Date: September 23, 2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
O_FAFO1	Pyrolysis Furnace A	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			
		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			
		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			
O_FBFO1	Pyrolysis Furnace B	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			



		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			
		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			
O_FCF01	Pyrolysis Furnace C	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			
		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			
		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			
O_FDF01	Pyrolysis Furnace D	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			
		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			

		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			
O_FEF01	Pyrolysis Furnace E	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			
		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			
		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			
O_FFF01	Pyrolysis Furnace F	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			
		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			
		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			

O_FGF01	Pyrolysis Furnace G	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			
		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			
		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			
O_FHF01	Pyrolysis Furnace H	CO	165.16	—	7,18, 20, 21, 62, 63, 64, 66, 69	7,18, 20, 21, 62, 63, 64, 66, 67	7, 62, 66
		NO <sub>x</sub>	25.20	—			
		PM	4.32	—			
		PM <sub>10</sub>	4.32	—			
		PM <sub>2.5</sub>	4.32	—			
		VOC	3.12	—			
		SO <sub>2</sub>	0.34	—			
		H <sub>2</sub> SO <sub>4</sub>	0.03	—			
		NH <sub>3</sub>	2.51	—			
O_F_CAP	Pyrolysis Furnaces Cap	CO	651.06	637.87	7, 20, 21	7, 20, 67	7, 66
		NO <sub>x</sub>	53.70	196.22			
		NO <sub>x</sub>	53.70	184.22			

		Shakedown					
		PM	—	92.85			
		PM <sub>10</sub>	—	92.85			
		PM <sub>2.5</sub>	—	92.85			
		VOC	—	67.20			
		SO <sub>2</sub>	—	7.33			
		H <sub>2</sub> SO <sub>4</sub>	—	0.67			
		NH <sub>3</sub>	—	77.46			
UFFLARE01	Multi-Point Ground Flare (Routine)	CO	165.05	—	41, 42, 44	41, 42, 67	42
		NO <sub>x</sub>	107.92	—			
		VOC	500.00	—			
		SO <sub>2</sub>	22.00	—			
UFFLARE01	Multi-Point Ground Flare (Planned MSS, alternate operating mode and Shakedown Period) (8)	CO	4115.51	—	41, 42, 44	41, 42, 67	42
		NO <sub>x</sub>	2690.91	—			
		VOC	5944.74	—			
		SO <sub>2</sub>	395.28	—			
UFFLARE02	Shared Elevated Flare (Routine)	CO	162.03	—	41, 42, 45	41, 42, 45, 67	42
		NO <sub>x</sub>	31.80	—			
		VOC	300.00	—			
		SO <sub>2</sub>	98.00	—			
UFFLARE02	Shared Elevated Flare (Planned MSS,	CO	340.99	—	41, 42, 45	41, 42, 45, 67	42

		NO <sub>x</sub>	66.92	—			
		VOC	916.17	—			
		SO <sub>2</sub>	98.00	—			
CAPUFFLR	Shared Elevated and Ground Flare Cap	CO	—	295.13		67	
		NO <sub>x</sub>	—	148.00			
		VOC	—	320.06			
		SO <sub>2</sub>	—	23.60			
CAPUFFLR	Shared Elevated and Ground Flare Cap (Shakedown period)	NO <sub>x</sub>	—	192.67		67	
		CO	—	374.11			
		VOC	—	422.30			
		SO <sub>2</sub>	—	23.60			
O_FUG	Olefins Unit Fugitives (5)	VOC	12.74	55.81	5, 7, 33, 34, 35, 54, 70	5, 7, 33, 34, 35, 54, 67, 70	5, 7, 33, 34
		VOC (9)	1.11	2.40			
		NH <sub>3</sub>	2.00	8.76			
		CO	0.04	0.16			
		H <sub>2</sub> SO <sub>4</sub>	< 0.01	0.02			
		H <sub>2</sub> S	< 0.01	0.01			
		NaOH	< 0.01	< 0.01			
O-REGEN	Olefins Regeneration Vent	VOC	0.18	0.06	10		
		CO	10.61	1.91			

GFFLARE01	MEG Elevated Flare (Routine)	CO	189.44	—	41, 42	41, 42, 67	42
		NO <sub>x</sub>	37.18	—			
		VOC	38.59	—			
		SO <sub>2</sub>	22.74	—			
		Total Halide	0.92	—			
GFFLARE01	MEG Elevated Flare (Planned MSS and Shakedown Period)	CO	307.90	—	41, 42	41, 42, 67	42
		NO <sub>x</sub>	60.42	—			
		VOC	214.93	—			
		SO <sub>2</sub>	22.74	—			
		Total Halide	0.92	—			
GFFLARE01	MEG Elevated Flare	CO	—	88.60	41, 42, 45	41, 42, 45, 67	42
		NO <sub>x</sub>	—	17.39			
		VOC	—	17.37			
		SO <sub>2</sub>	—	0.43			
		Total Halide	—	0.40			
GFFLARE01	MEG Elevated Flare (Shakedown Period)	CO	—	103.95	41, 42, 45	41, 42, 45, 67	42
		NO <sub>x</sub>	—	20.40			
		VOC	—	21.37			
		SO <sub>2</sub>	—	0.43			
		Total Halide	—	0.40			

GBX02	MEG Thermal Oxidizer	NO <sub>x</sub>	8.00	25.79	9, 18, 41, 42, 46, 62	9, 18, 41, 42, 46, 62, 67	42, 46, 62
		CO	11.06	35.65			
		VOC	21.10	41.43			
		SO <sub>2</sub>	1.75	0.38			
		PM	1.00	3.23			
		PM <sub>10</sub>	1.00	3.23			
		PM <sub>2.5</sub>	1.00	3.23			
		Total Halide	0.92	4.04			
		NH <sub>3</sub>	0.04	< 0.01			
GDVAC	Glycol Vacuum Vent	VOC	3.43	0.34	9	9	
GAD09A-D	Glycol Moderator CAS	VOC	< 0.01	< 0.01	11, 47	47, 67	
G_FUG	Glycol Unit Fugitives (5)	VOC	2.22	9.73	5, 7, 33, 34, 54, 70	5, 7, 33, 34, 54, 67, 70	5, 7, 33, 34
		VOC (9)	0.02	0.09			
		CO	0.01	0.03			
UCCT01	Utilities Cooling Tower	VOC	115.29	91.13	36	36, 67	
		PM	8.07	31.56			
		PM <sub>10</sub>	5.65	22.09			
		PM <sub>2.5</sub>	3.39	13.26			
		NaOH	0.03	0.01			
USSG01A	Utilities Boiler A	NO <sub>x</sub>	35.25	—	5, 7, 18, 20, 23, 41, 62, 63, 64, 66	5, 7, 18, 20, 23, 41, 62, 63, 64, 66, 67	5, 7, 62, 66

		CO	186.00	—			
		PM	7.82	—			
		PM <sub>10</sub>	7.82	—			
		PM <sub>2.5</sub>	7.82	—			
		VOC	5.66	—			
		SO <sub>2</sub>	5.22	—			
		H <sub>2</sub> SO <sub>4</sub>	0.07	—			
		NH <sub>3</sub>	4.02	—			
USSG01B	Utilities Boiler B	NO <sub>x</sub>	35.25	—	5, 7, 18, 20, 23, 41, 62, 63, 64, 66	5, 7, 18, 20, 23, 41, 62, 63, 64, 66, 67	5, 7, 62, 66
		CO	186.00	—			
		PM	7.82	—			
		PM <sub>10</sub>	7.82	—			
		PM <sub>2.5</sub>	7.82	—			
		VOC	5.66	—			
		SO <sub>2</sub>	5.22	—			
		H <sub>2</sub> SO <sub>4</sub>	0.07	—			
		NH <sub>3</sub>	4.02	—			



USSG01C	Utilities Boiler C	NO <sub>x</sub>	35.25	—	5, 7, 18, 20, 23, 41, 62, 63, 64, 66	5, 7, 18, 20, 23, 41, 62, 63, 64, 66, 67	5, 7, 62, 66
		CO	186.00	—			
		PM	7.82	—			
		PM <sub>10</sub>	7.82	—			
		PM <sub>2.5</sub>	7.82	—			
		VOC	5.66	—			
		SO <sub>2</sub>	5.22	—			
		H <sub>2</sub> SO <sub>4</sub>	0.07	—			
		NH <sub>3</sub>	4.02	—			
USSG01CAP	Utilities Boiler Cap	NO <sub>x</sub>	39.66	69.02	5, 7, 20, 23	5, 7, 20, 23, 67	5, 7, 20, 66
		CO	198.85	239.40			
		PM	—	47.57			
		PM <sub>10</sub>	—	47.57			
		PM <sub>2.5</sub>	—	47.57			
		VOC	—	34.43			
		SO <sub>2</sub>	8.03	5.18			
		H <sub>2</sub> SO <sub>4</sub>	—	0.48			
		NH <sub>3</sub>	—	29.07			

UFF01A	Shared Thermal Oxidizer A	NO <sub>x</sub>	—	—	18, 41, 42, 46, 62, 63, 64, 66	18, 41, 42, 46, 62, 63, 64, 66, 67	42, 46, 62, 66
		CO	—	—			
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
		VOC	—	—			
		SO <sub>2</sub>	—	—			

UFF01B	Shared Thermal Oxidizer B	NO <sub>x</sub>	—	—	18, 41, 42, 46, 62, 63, 64, 66	18, 41, 42, 46, 62, 63, 64, 66, 67	42, 46, 62, 66
		CO	—	—			
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
		VOC	—	—			
		SO <sub>2</sub>	—	—			
UFF01	Total emissions from EPNs UFF01A, UFF01B	NO <sub>x</sub>	18.80	29.11	18, 41, 42	18, 41, 42, 67	42, 66
		CO	25.81	39.95			
		PM	2.34	3.61			
		PM <sub>10</sub>	2.34	3.61			
		PM <sub>2.5</sub>	2.34	3.61			
		VOC	114.96	63.33			
		SO <sub>2</sub>	1.13	1.49			
U_FUG	Utilities Fugitives (5)	VOC	0.95	4.18	5, 7, 33, 34, 35, 54, 70	5, 7, 33, 34, 35, 54, 67, 70	5, 7, 33
		VOC (9)	0.12	0.26			
		NH <sub>3</sub>	0.22	0.96			
		CO	< 0.01	0.02			
		H <sub>2</sub> SO <sub>4</sub>	< 0.01	< 0.01			

EMGGEN01	Olefins Emergency Generator No. 1	NO <sub>x</sub>	0.38	0.06	5, 7, 60	5, 7, 60, 67	5, 7
		CO	4.48	0.67			
		PM	0.02	< 0.01			
		PM <sub>10</sub>	0.02	< 0.01			
		PM <sub>2.5</sub>	0.02	< 0.01			
		VOC	0.02	< 0.01			
		SO <sub>2</sub>	0.01	< 0.01			

EMGGEN02	Utilities Emergency Generator No. 2	NO <sub>x</sub>	0.38	0.06	5, 7, 60	5, 7, 60, 67	5, 7
		CO	4.48	0.67			
		PM	0.02	< 0.01			
		PM <sub>10</sub>	0.02	< 0.01			
		PM <sub>2.5</sub>	0.02	< 0.01			
		VOC	0.02	< 0.01			
		SO <sub>2</sub>	0.01	< 0.01			
ADMINGEN	Admin Emergency Generator No. 1	NO <sub>x</sub>	1.31	0.20	5, 7, 60	5, 7, 60, 67	5, 7
		CO	3.42	0.51			
		PM	0.12	0.02			
		PM <sub>10</sub>	0.12	0.02			
		PM <sub>2.5</sub>	0.12	0.02			
		VOC	0.07	0.01			
		SO <sub>2</sub>	0.02	< 0.01			

FWP1	Firewater Pump No. 1	NO <sub>x</sub>	5.37	0.54	5, 7, 60	5, 7, 60, 67	5, 7
		CO	2.21	0.22			
		PM	0.31	0.03			
		PM <sub>10</sub>	0.31	0.03			
		PM <sub>2.5</sub>	0.31	0.03			
		VOC	0.08	0.01			
		SO <sub>2</sub>	0.01	< 0.01			
FWP2	Firewater Pump No. 2	NO <sub>x</sub>	5.37	0.54	5, 7, 60	5, 7, 60, 67	5, 7
		CO	2.21	0.22			
		PM	0.31	0.03			
		PM <sub>10</sub>	0.31	0.03			
		PM <sub>2.5</sub>	0.31	0.03			
		VOC	0.08	0.01			
		SO <sub>2</sub>	0.01	< 0.01			

GLYGEN01	Glycol Emergency Generator No. 1	NO <sub>x</sub>	0.38	0.06	5, 7, 60	5, 7, 60, 67	5, 7
		CO	4.48	0.67			
		PM	0.02	< 0.01			
		PM <sub>10</sub>	0.02	< 0.01			
		PM <sub>2.5</sub>	0.02	< 0.01			
		VOC	0.02	< 0.01			
		SO <sub>2</sub>	0.01	< 0.01			
LIQLOAD	Truck/Railcar Liquid Loading (Uncaptured Emissions)	VOC	4.81	0.64	28, 31	28, 29, 30, 32, 67	
		NaOH	1.31	0.06			
WWTP	Wastewater Plant (Uncontrolled emissions)	VOC	1.05	4.58	37, 38, 39, 40	37, 38, 39, 40, 67	
		NH <sub>3</sub>	< 0.01	< 0.01			
		Acetone	< 0.01	< 0.01			
		H <sub>2</sub> S	< 0.01	0.01			

ZWSRCO1A/B	Equalization Tanks Catalytic Oxidizer	VOC	0.04	0.18	39, 62	39, 62, 67	62
		NH <sub>3</sub>	< 0.01	< 0.01			
		Acetone	< 0.01	< 0.01			
		H <sub>2</sub> S	< 0.01	< 0.01			
		NO <sub>x</sub>	0.06	0.26			
		CO	0.02	0.10			
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
		SO <sub>2</sub>	0.01	0.06			
		HCl	< 0.01	0.01			
MSSATM	Maintenance, Startup and Shutdown (Uncontrolled emissions)	VOC	445.47	4.44	50, 53, 54	48, 49, 50, 53, 54, 67	
		PM	12.98	0.08			
		PM <sub>10</sub>	12.98	0.08			
		PM <sub>2.5</sub>	12.98	0.08			
MSSILE	Inherently Low Emitting Activities	VOC	11.49	1.05		48, 49, 67	
		PM	0.02	0.01			
		PM <sub>10</sub>	0.02	0.01			
		PM <sub>2.5</sub>	0.02	0.01			
MSSVAC	MSS Vacuum Trucks	VOC	72.16	1.82	55	48, 49, 55, 67	



MSSFRAC	MSS Frac Tanks	VOC	0.03	0.03	56	48, 49, 56, 67	
TMPCTRL	MSS Temporary Control Devices identified in Special Condition 57	NO <sub>x</sub>	3.06	0.20	57	48, 49, 57, 67	
		CO	8.80	0.66			
		PM	0.30	0.02			
		PM <sub>10</sub>	0.30	0.02			
		PM <sub>2.5</sub>	0.30	0.02			
		VOC	24.26	0.68			
		SO <sub>2</sub>	0.56	0.04			
MSSTANK	Tank Maintenance Activities (Uncontrolled)	VOC	20.11	3.53	51, 52, 54, 56	48, 49, 51, 52, 54, 56, 67	
REFUSTN	Vehicle Refueling Station	VOC	2.03	0.17			
ELDC01	EPE granules feed bin dust collectors	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
EDFAN01	EPE granules hopper vent dust collector	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
EDDC04	EPE seed bed bin dust collector vent	VOC	—	—	15, 16	15, 16, 67	

		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
ELDC03	EPE extruder dust collector	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
EPFAN01	EPE pellet silos dust collector	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
EMDC01, EMFAN01, EMFAN02	EPE pellet surge bin dust collector and pellet dryer vents	VOC	—	—	15, 16, 62	15, 16, 62, 67	62
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
ELFAN04, ELDC06, ELB01, ELB03, ELB05, ELFAN01	EPE weigh feed hopper extraction vent, zinc oxide drying hopper dust collector, additive vacuum blower vents and solids additives vent dust collector	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
EBFIL01, ECFIL04, ECFIL05, ECFIL06	EPE catalyst cylinder vent filter and catalyst hold tank	VOC	—	—	15, 16	15, 16, 67	

		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
E_VENTCAP	EPE Vents Cap (6)	VOC	35.68	37.08	13, 14	13, 14, 67	
		PM	1.08	2.74			
		PM <sub>10</sub>	1.08	2.74			
		PM <sub>2.5</sub>	1.08	2.74			
CLDC01	CPE granules feed bin dust collector	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
CDFAN01	CPE granules hopper vent dust collector	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
CDDC04	CPE seed bed bin dust collector vent	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
CLDC03	CPE extruder feed conveyor dust collector	VOC	—	—	15, 16	15, 16, 67	

		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
CPFAN01	CPE pellet silos dust collector	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
CMD01, CMFAN01, CMFAN02	CPE pellet surge bin dust collector and pellet dryer vents	VOC	—	—	15, 16, 62	15, 16, 62, 67	62
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
CLFAN04, CLDC06, ELB02, ELB04, CLB03	CPE weigh feeder hopper extraction vent, zinc oxide drying hopper dust collector and additive vacuum blower vents	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
CBFIL01, CCFIL04, CCFIL05, CCFIL06	CPE catalyst cylinder vent filter and catalyst hold tank filter vents	VOC	—	—	15, 16	15, 16, 67	
		PM	—	—			
		PM <sub>10</sub>	—	—			
		PM <sub>2.5</sub>	—	—			
C_VENTCAP	CPE Vents Cap (7)	VOC	35.68	37.08	13, 14	13, 14, 67	

		PM	0.84	2.32			
		PM <sub>10</sub>	0.84	2.32			
		PM <sub>2.5</sub>	0.84	2.32			
PE-REGEN	PE Regeneration Vent	VOC	< 0.01	< 0.01	10		
E_FUG, C_FUG	EPE and CPE Fugitives (5)	VOC	4.38	19.17	5, 7, 33, 34, 54, 70	5, 7, 33, 34, 54, 67, 70	5, 7, 33
		VOC (9)	0.60	1.30			
		CO	0.07	0.32			
ELD01	EPE Primary Run Tank	VOC	0.36	0.02	24, 25	24, 25, 26, 67	
ELD02	EPE Secondary Run Tank	VOC	0.36	0.03	24, 25	24, 25, 26, 67	
CCD81	CPE Seal Pot	VOC	0.04	< 0.01	24, 25	24, 25, 26, 67	
GETK02A	MEG Rundown Tank 2A	VOC	0.65	0.22	24, 25	24, 25, 26, 67	
GETK02B	MEG Rundown Tank 2B	VOC	0.65	0.22	24, 25	24, 25, 26, 67	
GDTK01	Glycol Catalyst Storage Tank	VOC	0.23	0.01	24, 25	24, 25, 26, 67	
GDD08	Glycol Catalyst Charge Vessel	VOC	0.03	< 0.01	24, 25	24, 25, 26, 67	
GDD09	Glycol Catalyst Drips Vessel	VOC	0.02	< 0.01	24, 25	24, 25, 26, 67	
GETK01	Glycol Slops Tank	VOC	0.58	0.03	24, 25	24, 25, 26, 67	
SCTOTE-GLY	Spent Glycol Catalyst Tote	VOC	0.04	< 0.01	24, 25	24, 25, 26, 67	
ZTTK02	Heavy Glycol Storage Tank	VOC	0.83	0.03	24, 25	24, 25, 26, 67	

ZTTK03	Glycol Bleed Storage Tank	VOC	0.83	0.03	24, 25	24, 25, 26, 67	
GED04	Glycol Drain Collection Vessel	VOC	0.03	< 0.01	24, 25	24, 25, 26, 67	
ZTTK05	Hexene Storage Tank	VOC	0.43	1.20	5, 24, 25,	5, 24, 25, 26, 67	
ZTTK06AMNT	Heavy Fuel Oil Storage Tank 6A	VOC	0.50	—	5, 7, 24, 25	5, 7, 24, 25, 26, 67	5, 7
ZTTK06BMNT	Heavy Fuel Oil Storage Tank 6B	VOC	0.50	—	5, 7, 24, 25	5, 7, 24, 25, 26, 67	5, 7
CAPTHFO	Total Emissions from EPNs ZTTK06AMNT, ZTTK06BMNT	VOC	—	0.03	5, 7, 24	5, 7, 24, 26, 67	5, 7
ZTTK04	Slop Oil Tank 1	VOC	0.72	2.48	5, 6, 7, 24, 25	5, 6, 7, 24, 25, 26, 67	5, 6, 7
FZTK01	Olefins Decoke Condensate Sump	VOC	0.64	0.02	27		
GFTK01	Glycol Flare Seal Sump	VOC	0.53	< 0.01	27		
ZFTK02B	Firewater Pump Diesel Tank 2B	VOC	0.04	< 0.01	24, 25	24, 25, 26, 67	
ZMTK02	Infrastructure Diesel Tank	VOC	0.38	< 0.01	24, 25	24, 25, 26, 67	
UKDGEN01TK	Olefins Emergency Generator No. 1 Diesel Tank	VOC	0.05	< 0.01	24, 25	24, 25, 26, 67	
UKDGEN02TK	Utilities Emergency Generator No. 2 Diesel Tank	VOC	0.05	< 0.01	24, 25	24, 25, 26, 67	
ADMINGENTK	Admin Emergency Generator No 1 Diesel Tank	VOC	0.12	< 0.01	24, 25	24, 25, 26, 67	
ZFTK02C	Firewater Pump Diesel Tank 2C	VOC	0.04	< 0.01	24, 25	24, 25, 26, 67	

GUDGEN01TK	Glycol Generator Diesel Tank	VOC	0.05	< 0.01	24, 25	24, 25, 26, 67	
ZMTK01	Infrastructure Gasoline Tank	VOC	11.61	1.71	24, 25	24, 25, 26, 67	
TOTES	Site Totes	NaOCl	0.01	< 0.01			
U_LAB	Laboratory	VOC	2.65	0.48	59	59	
UTTK04	Sulfuric Acid Tank	H <sub>2</sub> SO <sub>4</sub>	< 0.01	< 0.01	24, 25	24, 25, 26, 67	
UCTK01	Sodium Hypochlorite Tank	NaOCl	2.23	0.08	24, 25	24, 25, 26, 67	
UTD05	Aqueous Ammonia Vent Drum	NH <sub>3</sub>	1.94	0.15	61		
ZTTK01	Caustic Storage Tank	NaOH	0.33	0.03	24, 25	24, 25, 26, 67	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC
  - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub>
    - total oxides of nitrogen
  - SO<sub>2</sub>
    - sulfur dioxide
  - PM
    - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub>
    - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub>
    - particulate matter equal to or less than 2.5 microns in diameter
  - CO
    - carbon monoxide
  - NaOH
    - sodium hydroxide
  - NH<sub>3</sub>
    - ammonia
  - HCl
    - hydrogen chloride
  - HI
    - hydrogen iodide
  - H<sub>2</sub>SO<sub>4</sub>
    - sulfuric acid mist
  - H<sub>2</sub>S
    - hydrogen sulfide
  - Total Halide
    - combined emissions of hydrogen chloride and hydrogen iodide.
  - NaOCl
    - sodium hypochlorite
- (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) Includes total emissions for the following sources of emissions (designated by EPN): ELDC01, EDFAN01, EDDC04, ELDC03, EPFAN01, EMDC01, EMFAN01, EMFAN02, ELFAN04, ELDC06, ELB01, ELB03, ELB05, ELFAN01, EBFIL01, ECFIL04, ECFIL05, ECFIL06
- (7) Includes total emissions for the following sources of emissions (designated by EPN): CLDC01, CDFAN01, CDDC04, CLDC03, CPFAN01, CMDC01, CMFAN01, CMFAN02, CLFAN04, CLDC06, ELB02, ELB04, CLB03, CBFIL01, CCFIL04, CCFIL05, CCFIL06
- (8) Alternate operating mode as defined in Special Condition 48.

(9) Additional emission limits for connectors during the initial unit shakedown period use of alternate fugitive monitoring per Special Condition 70.