

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Targa Pipeline Mid-Continent WestTex LLC

AUTHORIZING THE OPERATION OF
Gateway Gas Plant
Crude Petroleum and Natural Gas Extraction

LOCATED AT
Reagan County, Texas
Latitude 31° 38' 26" Longitude 101° 39' 5"
Regulated Entity Number: RN110829843

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: 04639 Issuance Date: April 11, 2025

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	5
New Source Review Authorization Requirements	5
Compliance Requirements.....	6
Permit Location	7
Permit Shield (30 TAC § 122.148)	7
Attachments	8
Applicable Requirements Summary.....	9
Additional Monitoring Requirements	31
Permit Shield	37
New Source Review Authorization References	41
Appendix A.....	47
Acronym List	48

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 HH or ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113,

Subchapter C, § 113.390 or § 113.1090, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

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

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

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

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- 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. 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)
5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
 6. For oil and natural gas production facilities as specified in 40 CFR Part 63, Subpart HH, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.390 incorporated by reference):
 - A. Title 40 CFR § 63.760(c) (relating to Applicability and Designation of Affected Source)
 7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

8. 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

9. 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 November 19, 2025 in the application for project 39455), 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
10. 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.
11. 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).
12. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
- A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Applicable requirements of 30 TAC § 116.620 for Installation and/or Modification of Oil and Gas Facilities based on the information contained in the registration application.

Compliance Requirements

13. 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.
14. 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)

Permit Location

- 15. 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)

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

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary	10
---------------------------	-----------

Applicable Requirements Summary	13
--	-----------

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
AMINE-GATEWAY	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	60OOOOa-0001	40 CFR Part 60, Subpart OOOOa	No changing attributes.
AMINE-HEIM	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	60OOOOa-0001	40 CFR Part 60, Subpart OOOOa	No changing attributes.
DEHY-GATEWAY	GLYCOL DEHYDRATION	N/A	63HH-0001	40 CFR Part 63, Subpart HH	No changing attributes.
DEHY-HEIM	GLYCOL DEHYDRATION	N/A	63HH-0001	40 CFR Part 63, Subpart HH	No changing attributes.
EG-1	SRIC ENGINES	N/A	60JJJJ-0001	40 CFR Part 60, Subpart JJJJ	No changing attributes.
EG-1	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
EG-2	SRIC ENGINES	N/A	60IIII-0001	40 CFR Part 60, Subpart IIII	No changing attributes.
EG-2	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
EG-3	SRIC ENGINES	N/A	60IIII-0001	40 CFR Part 60, Subpart IIII	No changing attributes.
EG-3	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FLR-G	FLARES	N/A	FLR1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FLR-H	FLARES	N/A	FLR1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FLR-H-AG	FLARES	N/A	FLR1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FLR-PW-G	FLARES	N/A	FLR1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FLR-PW-G	FLARES	N/A	60A-001	40 CFR Part 60, Subpart A	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FV	FUGITIVE EMISSION UNITS	N/A	600000a-FV	40 CFR Part 60, Subpart 0000a	No changing attributes.
FV	FUGITIVE EMISSION UNITS	N/A	600000b-FUG	40 CFR Part 60, Subpart 0000b	No changing attributes.
GRP-COMP2	FUGITIVE EMISSION UNITS	C-1100-H, C-1200- H, C-1300-H	600000-RC	40 CFR Part 60, Subpart 0000	No changing attributes.
GRP- COMPRESSOR	FUGITIVE EMISSION UNITS	C-1100, C-1110, C- 1110-H, C-1120, C- 1120-H, C-1130, C- 1130-H, C-1140, C- 1140-H, C-1150, C- 1150-H, C-1160, C- 1160-H, C-1170, C- 1170-H, C-1180, C- 1190, C-5100, C- 5110, C-5120, C- 5130, C-5140	600000a-RC	40 CFR Part 60, Subpart 0000a	No changing attributes.
H-1700	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-0001	40 CFR Part 60, Subpart Dc	No changing attributes.
H-1701	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-0001	40 CFR Part 60, Subpart Dc	No changing attributes.
H-4710	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-0002	40 CFR Part 60, Subpart Dc	No changing attributes.
HTR-2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-0001	40 CFR Part 60, Subpart Dc	No changing attributes.
HTR-3	BOILERS/STEAM GENERATORS/STEAM	N/A	60Dc-0002	40 CFR Part 60, Subpart Dc	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATING UNITS				
V-1409	STORAGE TANKS/VESSELS	N/A	60Kb-001	40 CFR Part 60, Subpart Kb	No changing attributes.
V-1410	STORAGE TANKS/VESSELS	N/A	60Kb-001	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)
AMINE-GATEWAY	EU	600000a-0001	SO ₂	40 CFR Part 60, Subpart 0000a	§ 60.5365a(g)(3) § 60.5370a(b)	Owners or operators of facilities that have a design capacity less than 2 long tons per day (LT/D) of hydrogen sulfide (H ₂ S) in the acid gas (expressed as sulfur) are required to comply with recordkeeping and reporting requirements specified in §60.5423a(c), but are not required to comply with §§60.5405a through 60.5407a and §§60.5410a(g) and 60.5415a(g).	None	§ 60.5423a(c)	§ 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14)
AMINE-HEIM	EU	600000a-0001	SO ₂	40 CFR Part 60, Subpart 0000a	§ 60.5365a(g)(3) § 60.5370a(b)	Owners or operators of facilities that have a design capacity less than 2 long tons per day (LT/D) of hydrogen sulfide (H ₂ S) in the acid gas (expressed as sulfur) are required to comply with recordkeeping and reporting requirements specified in §60.5423a(c), but are not required to comply with §§60.5405a through 60.5407a and §§60.5410a(g) and 60.5415a(g).	None	§ 60.5423a(c)	§ 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14)
DEHY-GATEWAY	EU	63HH-0001	112(B) HAPS	40 CFR Part 63, Subpart HH	§ 63.764(e)(1)(ii) § 63.764(a) § 63.764(e)(1) § 63.764(j) § 63.775(c)(8)	The owner or operator of an area source is exempt from the requirements of §63.764(d) when the actual average emissions of benzene from the glycol dehydration unit process vent to the atmosphere <	[G]§ 63.772(b)(2)	§ 63.774(d)(1) § 63.774(d)(1)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						0.90 megagram/yr, as determined by the procedures specified in §63.772(b)(2) of this subpart.			
DEHY-HEIM	EU	63HH-0001	112(B) HAPS	40 CFR Part 63, Subpart HH	§ 63.764(e)(1)(ii) § 63.764(a) § 63.764(e)(1) § 63.764(j) § 63.775(c)(8)	The owner or operator of an area source is exempt from the requirements of §63.764(d) when the actual average emissions of benzene from the glycol dehydration unit process vent to the atmosphere < 0.90 megagram/yr, as determined by the procedures specified in §63.772(b)(2) of this subpart.	[G]§ 63.772(b)(2)	§ 63.774(d)(1) § 63.774(d)(1)(ii)	None
EG-1	EU	60JJJJ-0001	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(a) § 1054.105(a) § 60.4231(a) § 60.4234 § 60.4243(a) [G]§ 60.4243(d) § 60.4243(e) § 60.4243(g)	Owners and operators of stationary SI ICE with a maximum engine power less than or equal to 19 KW and manufactured on or after 07/01/2008 must comply with a CO emission limit of 610 g/KW-hr, as stated in 40 CFR 60.4231(a) and 40 CFR 1054.105(a)-Table 1 and 40 CFR 1054-Appendix I(b)(2)-Table 4.	§ 60.4243(e)	§ 60.4243(a)(1) § 60.4243(e) § 60.4245(a) § 60.4245(a)(2) § 60.4245(a)(3)	None
EG-1	EU	60JJJJ-0001	HC and NO _x	40 CFR Part 60, Subpart JJJJ	§ 60.4233(a) § 1054.105(a) § 60.4231(a) § 60.4234 § 60.4243(a) [G]§ 60.4243(d) § 60.4243(e)	Owners and operators of stationary SI ICE with a maximum engine power less than or equal to 19 KW and a displacement of greater than or equal to 225cc and manufactured in	§ 60.4243(e)	§ 60.4243(a)(1) § 60.4243(e) § 60.4245(a) § 60.4245(a)(2) § 60.4245(a)(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4243(g)	the 2011 model year or later must comply with an HC+NOx emission limit of 8.0 g/KW-hr, as stated in 40 CFR 60.4231(a) and 40 CFR 1054.105(a)-Table 1.			
EG-1	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
EG-2	EU	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EG-2	EU	60IIII-0001	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d)
EG-2	EU	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d)
EG-2	EU	60IIII-0001	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(a)(2) § 60.4206 § 60.4207(b)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).			
EG-2	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
EG-3	EU	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
EG-3	EU	60IIII-0001	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d)
EG-3	EU	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	None	None	[G]§ 60.4214(d)
EG-3	EU	60IIII-0001	PM	40 CFR Part 60,	§ 60.4205(b)	Emergency stationary CI	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			(Opacity)	Subpart IIII	§ 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).			
EG-3	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
FLR-G	CD	FLR1111-0001	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	§ 111.111(a)(4)(A)(i) §	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						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)(ii)		
FLR-H	CD	FLR1111-0001	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
FLR-H-AG	CD	FLR1111-0002	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A) § 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from an acid gas flare shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
FLR-PW-G	CD	FLR1111-0001	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
FLR-PW-G	CD	60A-001	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FV	EU	600000a-FV	CH4 & VOC	40 CFR Part 60, Subpart 0000a	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-2a(a)(1) § 60.482-2a(a)(2) [G]§ 60.482-2a(b)(1) § 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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f)	Except as provided in §60.5401, the owner or operator of pumps in light liquid service must comply with the requirements of §60.482-2a. 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 §60.482-2a(b)(1)(i) and 60.482-2a(b)(1)(ii).	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 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) [G]§ 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(g)	[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) [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)(i) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.5410a § 60.5410a(f) § 60.5415a(f)				
FV	EU	600000a-FV	CH4 & VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	Except as provided in §60.5401, the owner or operator of pressure relief devices in light liquid or heavy liquid service must comply with the requirements of §60.482-8a. 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.	§ 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) [G]§ 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) [G]§ 60.5401a(f) § 60.5401a(g)	[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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FV	EU	600000a-FV	CH4 & VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) § 60.482-7a(b) [G]§ 60.482-7a(c) [G]§ 60.482-7a(d)	Except as provided in §60.5401, the owner or operator of valves in gas/vapor service or light liquid service must comply with the requirements of §60.482-7a. At a valve in gas/vapor service or light liquid service, if an	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.485a(a) [G]§ 60.485a(b)(1) [G]§ 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	[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)	§ 60.487a(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)(ii) § 60.487a(c)(2)(xi)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-7a(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) § 60.5370a(a) § 60.5370a(b) § 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5410a § 60.5410a(f) § 60.5415a(f)	instrument reading of 500 ppm or greater is measured, a leak is detected.	[G]§ 60.5401a(f) § 60.5401a(g)	§ 60.486a(f) § 60.486a(f)(1) § 60.486a(f)(2)	§ 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a)
FV	EU	600000a-FV	CH4 & VOC	40 CFR Part 60, Subpart 0000a	§ 60.5400a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-4a(a) § 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) § 60.5370a(a) § 60.5370a(b)	Except as provided in §60.5401, the owner or operator of a pressure relief device in gas/vapor service must comply with the requirements of §60.482-4a. 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).	§ 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) [G]§ 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) § 60.5401a(b)(1) § 60.5401a(g)	[G]§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.5421a(b)	§ 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)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e) § 60.5420a(a) § 60.5420a(a)(1) § 60.5422a(a) § 60.5422a(b) [G]§ 60.5422a(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.5400a(d) § 60.5400a(e) § 60.5400a(f) § 60.5401a(b)(2) § 60.5401a(b)(3)(i) § 60.5401a(b)(3)(ii) § 60.5401a(b)(4)(i) § 60.5401a(b)(4)(ii) § 60.5410a § 60.5410a(f) § 60.5415a(f)				
FV	EU	60000Ob -FUG	CH4 & VOC	40 CFR Part 60, Subpart OOOOb	§ 60.5401b(a) [G]§ 60.5370b(a) § 60.5370b(b) [G]§ 60.5401b(g) § 60.5401b(k) § 60.5410b(h) [G]§ 60.5411b(a) [G]§ 60.5411b(b) [G]§ 60.5411b(c) § 60.5412b(a)(3) [G]§ 60.5412b(b) § 60.5415b(j)	Except as provided in § 60.5402b, the owner or operator of pumps, valves, and connectors in heavy liquid service and pressure relief devices in light liquid or heavy liquid service must comply with paragraph (g) of this section and comply with either paragraph (g)(1) or (2) of this section if evidence of a potential leak is found at any time by AVO, or any other detection method.	§ 60.5401b(a) [G]§ 60.5401b(g) § 60.5410b(h)(9) [G]§ 60.5412b(a)(3) § 60.5413b(a)(1) § 60.5415b(j)(9) [G]§ 60.5416b(a)(1) § 60.5417b(a) § 60.5417b(c)(2) § 60.5417b(d)(8)(i) § 60.5417b(d)(8)(iv) § 60.5417b(d)(8)(v) § 60.5417b(d)(8)(vi)	§ 60.5401b(a) § 60.5401b(m) § 60.5415b(j)(15) § 60.5416b(b)(9) § 60.5417b(a) § 60.5417b(j) § 60.5420b(b)(9) § 60.5420b(c) § 60.5420b(c)(11) § 60.5420b(c)(12) § 60.5420b(c)(8) § 60.5421b(a) [G]§ 60.5421b(b)	§ 60.5401b(a) § 60.5401b(l) § 60.5415b(j)(14) § 60.5420b(a) § 60.5420b(a)(1) § 60.5420b(b) [G]§ 60.5420b(b)(1) § 60.5420b(b)(15) § 60.5420b(d) § 60.5422b(a) [G]§ 60.5422b(b)
FV	EU	60000Ob -FUG	CH4 & VOC	40 CFR Part 60, Subpart OOOOb	§ 60.5401b(a) [G]§ 60.5370b(a) § 60.5370b(b) [G]§ 60.5401b(c) § 60.5401b(k) § 60.5410b(h) [G]§ 60.5411b(a) [G]§ 60.5411b(b) [G]§ 60.5411b(c) § 60.5412b(a)(3) [G]§ 60.5412b(b) § 60.5415b(j)	Except as provided in § 60.5402b, the owner or operator of pressure relief devices in gas/vapor service must comply with paragraph (c) of this section and monitor each pressure relief device quarterly using the methods specified in § 60.5403b. A leak is defined as an instrument reading of 500 ppmv or greater above	§ 60.5401b(a) § 60.5401b(c) § 60.5410b(h)(6) [G]§ 60.5412b(a)(3) § 60.5413b(a)(1) § 60.5415b(j)(6) [G]§ 60.5416b(a)(1) § 60.5417b(a) § 60.5417b(c)(2) § 60.5417b(d)(8)(i) § 60.5417b(d)(8)(iv) § 60.5417b(d)(8)(v)	§ 60.5401b(a) § 60.5401b(m) § 60.5415b(j)(15) § 60.5416b(b)(9) § 60.5417b(a) § 60.5417b(j) § 60.5420b(b)(9) § 60.5420b(c) § 60.5420b(c)(11) § 60.5420b(c)(12) § 60.5420b(c)(8) § 60.5421b(a)	§ 60.5401b(a) § 60.5401b(l) § 60.5415b(j)(14) § 60.5420b(a) § 60.5420b(a)(1) § 60.5420b(b) [G]§ 60.5420b(b)(1) § 60.5420b(b)(15) § 60.5420b(d) § 60.5422b(a) [G]§ 60.5422b(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						background.	§ 60.5417b(d)(8)(vi)	[G]§ 60.5421b(b)	
FV	EU	60000Ob-FUG	CH4 & VOC	40 CFR Part 60, Subpart OOOOb	§ 60.5401b(a) [G]§ 60.5370b(a) § 60.5370b(b) [G]§ 60.5401b(b) § 60.5401b(k) § 60.5410b(h) [G]§ 60.5411b(a) [G]§ 60.5411b(b) [G]§ 60.5411b(c) § 60.5412b(a)(3) [G]§ 60.5412b(b) § 60.5415b(j)	Except as provided in § 60.5402b, the owner or operator of pumps in light liquid service must comply with paragraph (b) of this section and monitor each pump in light liquid service monthly to detect leaks by the methods specified in § 60.5403b, except as provided in paragraphs (b)(2) through (6) of this section. A leak is defined as an instrument reading of 2,000 ppmv or greater.	§ 60.5401b(a) [G]§ 60.5401b(b) § 60.5410b(h)(5) [G]§ 60.5412b(a)(3) § 60.5413b(a)(1) § 60.5415b(j)(5) [G]§ 60.5416b(a)(1) § 60.5417b(a) § 60.5417b(c)(2) § 60.5417b(d)(8)(i) § 60.5417b(d)(8)(iv) § 60.5417b(d)(8)(v) § 60.5417b(d)(8)(vi)	§ 60.5401b(a) § 60.5401b(m) § 60.5415b(j)(15) § 60.5416b(b)(9) § 60.5417b(a) § 60.5417b(j) § 60.5420b(b)(9) § 60.5420b(c) § 60.5420b(c)(11) § 60.5420b(c)(12) § 60.5420b(c)(8) § 60.5421b(a) [G]§ 60.5421b(b)	§ 60.5401b(a) § 60.5401b(l) § 60.5415b(j)(14) § 60.5420b(a) § 60.5420b(a)(1) § 60.5420b(b) [G]§ 60.5420b(b)(1) § 60.5420b(b)(15) § 60.5420b(d) § 60.5422b(a) [G]§ 60.5422b(b)
FV	EU	60000Ob-FUG	CH4 & VOC	40 CFR Part 60, Subpart OOOOb	§ 60.5401b(a) [G]§ 60.5370b(a) § 60.5370b(b) § 60.5401b(a) [G]§ 60.5401b(h) § 60.5401b(k) § 60.5410b(h) [G]§ 60.5411b(a) [G]§ 60.5411b(b) [G]§ 60.5411b(c) § 60.5412b(a)(3) [G]§ 60.5412b(b) § 60.5415b(j)	Except as provided in § 60.5402b, the owner or operator of connectors in gas/vapor service and in light liquid service must comply with paragraph (h) of this section and initially monitor all connectors in the process unit for leaks by the later of either 12 months after the compliance date or 12 months after initial startup.	§ 60.5401b(a) [G]§ 60.5401b(h) § 60.5410b(h)(10) [G]§ 60.5412b(a)(3) § 60.5413b(a)(1) § 60.5415b(j)(10) [G]§ 60.5416b(a)(1) § 60.5417b(a) § 60.5417b(c)(2) § 60.5417b(d)(8)(i) § 60.5417b(d)(8)(iv) § 60.5417b(d)(8)(v) § 60.5417b(d)(8)(vi)	§ 60.5401b(a) § 60.5401b(m) § 60.5415b(j)(15) § 60.5416b(b)(9) § 60.5417b(a) § 60.5417b(j) § 60.5420b(b)(9) § 60.5420b(c)(11) § 60.5420b(c)(12) § 60.5420b(c)(8) § 60.5421b(a) [G]§ 60.5421b(b) § 60.5420b(c)	§ 60.5401b(a) § 60.5401b(l) § 60.5415b(j)(14) § 60.5420b(a) § 60.5420b(a)(1) § 60.5420b(b) [G]§ 60.5420b(b)(1) § 60.5420b(b)(15) § 60.5420b(d) § 60.5422b(a) [G]§ 60.5422b(b)
FV	EU	60000Ob-FUG	CH4 & VOC	40 CFR Part 60, Subpart OOOOb	§ 60.5401b(a) [G]§ 60.5370b(a) § 60.5370b(b) [G]§ 60.5401b(f) § 60.5401b(k) § 60.5410b(h) § 60.5415b(j)	Except as provided in § 60.5402b, the owner or operator of valves in gas/vapor or light liquid service must comply with paragraph (f) of this section and monitor each valve in gas/vapor and in light liquid service quarterly to detect	§ 60.5401b(a) [G]§ 60.5401b(f) § 60.5410b(h)(8) [G]§ 60.5412b(a)(3) § 60.5413b(a)(1) § 60.5415b(j)(8) [G]§ 60.5416b(a)(1) § 60.5417b(a) § 60.5417b(c)(2)	§ 60.5401b(a) § 60.5401b(m) § 60.5415b(j)(15) § 60.5416b(b)(9) § 60.5417b(a) § 60.5417b(j) § 60.5420b(b)(9) § 60.5420b(c) § 60.5420b(c)(11)	§ 60.5401b(a) § 60.5401b(l) § 60.5415b(j)(14) § 60.5420b(a) § 60.5420b(a)(1) § 60.5420b(b) [G]§ 60.5420b(b)(1) § 60.5420b(b)(15) § 60.5420b(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						leaks by the methods specified in § 60.5403b, except as provided in paragraphs (f)(3) through (5) of this section.	§ 60.5417b(d)(8)(i) § 60.5417b(d)(8)(iv) § 60.5417b(d)(8)(v) § 60.5417b(d)(8)(vi)	§ 60.5420b(c)(12) § 60.5420b(c)(8) § 60.5421b(a) [G]§ 60.5421b(b)	§ 60.5422b(a) [G]§ 60.5422b(b)
GRP-COMP2	EU	600000-RC	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5385(a)(1) § 60.5370(b) § 60.5385(a) § 60.5415(c)(3) § 60.5420(a)(1)	Before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, or October 15, 2012, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.	§ 60.5410(c)(1) § 60.5415(c)(1)	§ 60.5420(c) [G]§ 60.5420(c)(3)	§ 60.5420(a) § 60.5420(a)(1) § 60.5420(b) [G]§ 60.5420(b)(1) [G]§ 60.5420(b)(4) § 60.5420(b)(7)(i)
GRP-COMPRESS OR	EU	600000a-RC	VOC	40 CFR Part 60, Subpart OOOOa	§ 60.5385a(a)(1) § 60.5370a(a) § 60.5370a(b) § 60.5385a § 60.5385a(a) § 60.5385a(b) § 60.5385a(c) § 60.5385a(d) § 60.5410a § 60.5415a(c) § 60.5415a(c)(2) § 60.5415a(c)(3)	For each reciprocating compressor, the owner or operator must replace the rod packing on or before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, August 2, 2016, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.	§ 60.5410a(c)(1) § 60.5415a(c)(1)	§ 60.5410a(c)(4) § 60.5420a(c) [G]§ 60.5420a(c)(3)	§ 60.5410a(c)(3) § 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14) [G]§ 60.5420a(b)(4)
H-1700	EU	60Dc-0001	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed,	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(i)	
H-1700	EU	60Dc-0001	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-1700	EU	60Dc-0001	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-1701	EU	60Dc-0001	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-1701	EU	60Dc-0001	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-1701	EU	60Dc-0001	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						that has a maximum design heat input capacity of 2.9-29 megawatts (MW).			
H-4710	EU	60Dc-0002	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-4710	EU	60Dc-0002	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-4710	EU	60Dc-0002	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
HTR-2	EU	60Dc-0001	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
HTR-2	EU	60Dc-0001	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						heat input capacity of 2.9-29 megawatts (MW).			
HTR-2	EU	60Dc-0001	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
HTR-3	EU	60Dc-0002	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
HTR-3	EU	60Dc-0002	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
HTR-3	EU	60Dc-0002	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
V-1409	EU	60Kb-001	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3) [G]§ 60.115b(e) [G]§ 60.115b(f) [G]§ 60.115b(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 60.485(b) ** See Periodic Monitoring Summary		
V-1410	EU	60Kb-001	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3) [G]§ 60.115b(e) [G]§ 60.115b(f) [G]§ 60.115b(g)

Additional Monitoring Requirements

Periodic Monitoring Summary	32
--	-----------

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FLR-H-AG	
Control Device ID No.: FLR-H-AG	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: FLR1111-0002
Pollutant: Opacity	Main Standard: § 111.111(a)(4)(A)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-1409	
Control Device ID No.: FLR-G	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-001
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to conduct required monitoring of fugitive emissions or VOC concentration greater than 500 ppmv.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-1409	
Control Device ID No.: FLR-G	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-001
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-1410	
Control Device ID No.: FLR-G	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-001
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to conduct required monitoring of fugitive emissions or VOC concentration greater than 500 ppmv.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-1410	
Control Device ID No.: FLR-G	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-001
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: Failure to visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Permit Shield

Permit Shield 38

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
AMINE-GATEWAY	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit is not using sulfur recovery.
AMINE-GATEWAY	N/A	40 CFR Part 60, Subpart LLL	The unit was constructed after August 23, 2011.
AMINE-HEIM	N/A	30 TAC Chapter 112, Sulfur Compounds	The unit is not using sulfur recovery.
AMINE-HEIM	N/A	40 CFR Part 60, Subpart LLL	The unit was constructed after August 23, 2011.
EC-0510-H	N/A	40 CFR Part 60, Subpart OOOO	The centrifugal compressor does not use wet seals.
EC-4100	N/A	40 CFR Part 60, Subpart OOOOa	The centrifugal compressor does not use wet seals.
FLR-G	N/A	40 CFR Part 60, Subpart A	The control device is not used to comply with applicable subparts of 40 CFR Part 60 or Part 61.
FLR-G	N/A	40 CFR Part 63, Subpart A	The control device is not used to comply with an applicable subpart of 40 CFR Part 63.
FLR-H	N/A	40 CFR Part 60, Subpart A	The control device is not used to comply with applicable subparts of 40 CFR Part 60 or Part 61.
FLR-H	N/A	40 CFR Part 63, Subpart A	The control device is not used to comply with an applicable subpart of 40 CFR Part 63.
FLR-H-AG	N/A	40 CFR Part 60, Subpart A	The control device is not used to comply with applicable subparts of 40 CFR Part 60 or Part 61.
FLR-H-AG	N/A	40 CFR Part 63, Subpart A	The control device is not used to comply with an applicable subpart of 40 CFR Part 63.
FV	N/A	40 CFR Part 60, Subpart KKK	The Heim Gas Plant and Gateway Gas Plant were constructed after August 23, 2011.

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
FV	N/A	40 CFR Part 60, Subpart OOOO	The Gateway and Heim Gas Plants were constructed after September 18, 2015.
GRP-TANKS1	TK-101, TK-102, TK-103, TK-104, TK-105, TK-106, TK-108, TK-109, TK-110, TK-111, TK-1901, TK-1902, TK-1903, TK-1904-G, TK-1906, TK-1911, TK-3901, TK-3902, TK-4801, TK-9999, TK-H-1901, TK-H-1902, TK-METH	40 CFR Part 60, Subpart Kb	The storage tank stores volatile organic liquids and has a capacity of less than 75 cubic meters.
GRP-TANKS1	TK-101, TK-102, TK-103, TK-104, TK-105, TK-106, TK-108, TK-109, TK-110, TK-111, TK-1901, TK-1902, TK-1903, TK-1904-G, TK-1906, TK-1911, TK-3901, TK-3902, TK-4801, TK-9999, TK-H-1901, TK-H-1902, TK-METH	40 CFR Part 60, Subpart OOOOa	Storage vessels do not contain an accumulation of crude oil, condensate, intermediate hydrocarbon liquids, or produced water.
GRP-TANKS2	TK-1905, TK-1909	40 CFR Part 60, Subpart Kb	The storage tank stores volatile organic liquids and has a capacity of less than 75 cubic meters.
GRP-TANKS2	TK-1905, TK-1909	40 CFR Part 60, Subpart OOOOa	Storage vessels do not contain an accumulation of crude oil, condensate, intermediate hydrocarbon liquids, or produced water.
GRP-TANKS3	TK-1907, TK-1908	40 CFR Part 60, Subpart Kb	Storage tanks have a design capacity of less than 1,589.874 cubic meters used for petroleum or condensate stored, processed, or treated prior to custody transfer.
GRP-TANKS3	TK-1907, TK-1908	40 CFR Part 60, Subpart OOOOa	The storage vessels have a PTE less than 6 tpy of VOC.
H-1703	N/A	40 CFR Part 60, Subpart Dc	The maximum heat input capacity is less than

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
			2.9 MW (10MMBtu/hr).
HTR-1	N/A	40 CFR Part 60, Subpart Dc	The maximum heat input capacity is less than 2.9 MW (10 MMBtu/hr).

New Source Review Authorization References

New Source Review Authorization References	42
New Source Review Authorization References by Emission Unit	43

New Source Review Authorization References

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

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 157965	Issuance Date: 04/27/2026
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.359	Version No./Date: 09/10/2013
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
AMINE-GATEWAY	AMINE UNIT TRAIN	157965
AMINE-HEIM	AMINE UNIT TRAIN	157965
C-1100	RECIPROCATING COMPRESSOR	157965
C-1100-H	RECIPROCATING COMPRESSOR	157965
C-1110	RECIPROCATING COMPRESSOR	157965
C-1110-H	RECIPROCATING COMPRESSOR	157965
C-1120	RECIPROCATING COMPRESSOR	157965
C-1120-H	RECIPROCATING COMPRESSOR	157965
C-1130	RECIPROCATING COMPRESSOR	157965
C-1130-H	RECIPROCATING COMPRESSOR	157965
C-1140	RECIPROCATING COMPRESSOR	157965
C-1140-H	RECIPROCATING COMPRESSOR	157965
C-1150	RECIPROCATING COMPRESSOR	157965
C-1150-H	RECIPROCATING COMPRESSOR	157965
C-1160	RECIPROCATING COMPRESSOR	157965
C-1160-H	RECIPROCATING COMPRESSOR	157965
C-1170	RECIPROCATING COMPRESSOR	157965
C-1170-H	RECIPROCATING COMPRESSOR	157965
C-1180	RECIPROCATING COMPRESSOR	157965
C-1190	RECIPROCATING COMPRESSOR	157965
C-1200-H	RECIPROCATING COMPRESSOR	157965

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**
C-1300-H	RECIPROCATING COMPRESSOR	157965
C-5100	RECIPROCATING COMPRESSOR	157965
C-5110	RECIPROCATING COMPRESSOR	157965
C-5120	RECIPROCATING COMPRESSOR	157965
C-5130	RECIPROCATING COMPRESSOR	157965
C-5140	RECIPROCATING COMPRESSOR	157965
DEHY-GATEWAY	GLYCOL DEHYDRATION TRAIN	157965
DEHY-HEIM	GLYCOL DEHYDRATION TRAIN	157965
EC-0510-H	CENTRIFUGAL COMPRESSOR	157965
EC-4100	CENTRIFUGAL COMPRESSOR	157965
EG-1	KOHLER - 14RESA (EG-1)	106.511/09/04/2000 [159014]
EG-2	EMERGENCY GENERATOR	106.511/09/04/2000 [159014]
EG-3	EMERGENCY GENERATOR	106.511/09/04/2000 [159014]
FLR-G	GATEWAY FLARE	157965, 106.359/09/10/2013 [159014]
FLR-H	HEIM FLARE	157965, 106.359/09/10/2013 [159014]
FLR-H-AG	HEIM ACID GAS FLARE	157965
FLR-PW-G	PRODUCED WATER FLARE	157965
FV	FUGITIVES	157965
H-1700	HOT OIL HEATER H-1700	157965
H-1701	HOT OIL HEATER H-1701	157965
H-1703	TEG HOT OIL HEATER	157965

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**
H-4710	REGEN GAS HEATER	157965
HTR-1	HTR-1 GLYCOL REBOILER	157965
HTR-2	HTR-2 HOT OIL HEATER	157965
HTR-3	HTR-3 REGEN HEATER	157965
TK-101	TEG TANK TEG STORAGE 210 BBL	157965
TK-102	ANTIFOAM TANK	157965
TK-103	METHANOL TANK 1 - 1,000 GAL	157965
TK-104	AMINE TANK AMINE STORAGE 10 BBL	157965
TK-105	LUBE OIL TANK-1 100 BBL	157965
TK-106	LUBE OIL TANK-2 100 BBL	157965
TK-108	DIESEL STORAGE TANK	157965
TK-109	DIESEL TANK STORAGE	157965
TK-110	DIESEL STORAGE TANK	157965
TK-111	AMINE DRAIN SUMP 1,000 GAL	157965
TK-1901	LUBE OIL DRAIN SUMP	157965
TK-1902	OPEN DRAIN SUMP	157965
TK-1903	USED OIL TANK	157965
TK-1904-G	NEW LUBE OIL TANK	157965
TK-1905	OPEN DRAIN STORAGE TANK	157965
TK-1906	REFRIGERATION LUBE OIL TANK	157965
TK-1907	PRODUCED WATER TANK	157965

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**
TK-1908	PRODUCED WATER TANK	157965
TK-1909	LEAN AMINE TANK	157965
TK-1911	TEG TANK	157965
TK-3901	AMINE SUMP	157965
TK-3902	GLYCOL SUMP	157965
TK-4801	METHANOL SUPPLY TOTE	157965
TK-9999	ANTI-FOAM TOTE	157965
TK-H-1901	LUBE OIL SUMP 1,000 GAL	157965
TK-H-1902	OPEN DRAIN SUMP 1,000 GAL	157965
TK-METH	METHANOL TANK 2 - 1,000 GAL	157965
V-1409	STABILIZED CONDENSATE TANK	157965
V-1410	STABILIZED CONDENSATE TANK	157965

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

Appendix A

Acronym List 48

Acronym List

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

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