

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Lower Colorado River Authority

AUTHORIZING THE OPERATION OF
Timmerman Power Plant
Fossil Fuel Electric Power Generation

LOCATED AT
Caldwell County, Texas
Latitude 29° 52' 29" Longitude 97° 48' 20"
Regulated Entity Number: RN111700472

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: 04766 Issuance Date: _____

For the Commission

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General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

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

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ or DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113,

Subchapter C, § 113.1090 or § 113.1130 which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute 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. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

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

(4) Compliance Certification:

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

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

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer

visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- F. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)

- (iii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. 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 no more than 25,000 gallons of gasoline in any calendar month after December 31, 2004, 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)
 - B. When filling stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, 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
- 5. The permit holder shall comply with the following 30 TAC Chapter 115, Subchapter F requirements (relating to Cutback Asphalt Requirements):
 - A. Title 30 TAC § 115.512(3) (relating to Control 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 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.

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 June 1, 2026 in the application for project 38283), 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. Requirements of the Electric Generating Unit Standard Permit for facilities located in the East Texas region 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)

Protection of Stratospheric Ozone

15. 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.

Temporary Fuel Shortages (30 TAC § 112.15)

16. The permit holder shall comply with the following 30 TAC Chapter 112 requirements:
 - A. Title 30 TAC § 112.15 (relating to Temporary Fuel Shortage Plan Filing Requirements)
 - B. Title 30 TAC § 112.16(a), (a)(1), and (a)(2)(B) - (C) (relating to Temporary Fuel Shortage Plan Operating Requirements)
 - C. Title 30 TAC § 112.17 (relating to Temporary Fuel Shortage Plan Notification Procedures)
 - D. Title 30 TAC § 112.18 (relating to Temporary Fuel Shortage Plan Reporting Requirements)

Permit Location

17. 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)

18. 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.

Acid Rain Unit Exemptions

19. As reference only information, the following units ENG-1, ENG-2, ENG-3, ENG-4, ENG-5, ENG-6, ENG-7, ENG-8, ENG-9, ENG-10, ENG-11, ENG-12, ENG-13, ENG-14, ENG-15, ENG-16, ENG-17, ENG-18, ENG-19, and ENG-20 have received an acid rain new unit exemption under 40 CFR § 72.7 and are not incorporated into an Acid Rain Permit.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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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
FWP	SRIC ENGINES	N/A	60III-01	40 CFR Part 60, Subpart IIII	No changing attributes.
FWP	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-DEWHEAT	PROCESS HEATERS/FURNACES	DEW-HEAT1, DEW- HEAT2	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
GRP-DEWHTSTK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	DEW-HTSTK1, DEW-HTSTK2	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP-EMENG	SRIC ENGINES	EMENG1, EMENG2	60III-01	40 CFR Part 60, Subpart IIII	No changing attributes.
GRP-EMENG	SRIC ENGINES	EMENG1, EMENG2	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-ENGINES	SRIC ENGINES	ENG-1, ENG-10, ENG-11, ENG-12, ENG-13, ENG-14, ENG-15, ENG-16, ENG-17, ENG-18, ENG-19, ENG-2, ENG-20, ENG-3, ENG-4, ENG-5, ENG-6, ENG-7, ENG-8, ENG-9	60JJJJ-01	40 CFR Part 60, Subpart JJJJ	No changing attributes.
GRP-ENGINES	SRIC ENGINES	ENG-1, ENG-10, ENG-11, ENG-12, ENG-13, ENG-14, ENG-15, ENG-16, ENG-17, ENG-18, ENG-19, ENG-2, ENG-20, ENG-3, ENG-4, ENG-5, ENG-6, ENG-7, ENG-8, ENG-9	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	Emission Limitation = Limiting formaldehyde concentration from the stationary RICE exhaust

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-ENGINES	SRIC ENGINES	ENG-1, ENG-10, ENG-11, ENG-12, ENG-13, ENG-14, ENG-15, ENG-16, ENG-17, ENG-18, ENG-19, ENG-2, ENG-20, ENG-3, ENG-4, ENG-5, ENG-6, ENG-7, ENG-8, ENG-9	63ZZZZ-02	40 CFR Part 63, Subpart ZZZZ	Emission Limitation = Reducing carbon monoxide emissions from the stationary RICE
GRP-ENGSTK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ENG-10STK, ENG- 11STK, ENG- 12STK, ENG- 13STK, ENG- 14STK, ENG- 15STK, ENG- 16STK, ENG- 17STK, ENG- 18STK, ENG- 19STK, ENG-1STK, ENG-20STK, ENG- 2STK, ENG-3STK, ENG-4STK, ENG- 5STK, ENG-6STK, ENG-7STK, ENG- 8STK, ENG-9STK	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP-OILMIST	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	OILMIST1, OILMIST10, OILMIST11, OILMIST12, OILMIST13, OILMIST14, OILMIST15, OILMIST16,	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		OILMIST17, OILMIST18, OILMIST19, OILMIST2, OILMIST20, OILMIST3, OILMIST4, OILMIST5, OILMIST6, OILMIST7, OILMIST8, OILMIST9			
GRP-ROOMHEAT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	ROOMHEAT-1, ROOMHEAT-10, ROOMHEAT-11, ROOMHEAT-12, ROOMHEAT-13, ROOMHEAT-14, ROOMHEAT-15, ROOMHEAT-16, ROOMHEAT-17, ROOMHEAT-18, ROOMHEAT-19, ROOMHEAT-2, ROOMHEAT-20, ROOMHEAT-21, ROOMHEAT-22, ROOMHEAT-23, ROOMHEAT-24, ROOMHEAT-25, ROOMHEAT-26, ROOMHEAT-27, ROOMHEAT-28, ROOMHEAT-29, ROOMHEAT-3,	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		ROOMHEAT-30, ROOMHEAT-31, ROOMHEAT-32, ROOMHEAT-33, ROOMHEAT-34, ROOMHEAT-35, ROOMHEAT-36, ROOMHEAT-37, ROOMHEAT-38, ROOMHEAT-39, ROOMHEAT-4, ROOMHEAT-40, ROOMHEAT-41, ROOMHEAT-42, ROOMHEAT-43, ROOMHEAT-44, ROOMHEAT-45, ROOMHEAT-46, ROOMHEAT-47, ROOMHEAT-48, ROOMHEAT-49, ROOMHEAT-5, ROOMHEAT-50, ROOMHEAT-51, ROOMHEAT-52, ROOMHEAT-6, ROOMHEAT-7, ROOMHEAT-8, ROOMHEAT-9			

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)
FWP	EU	60IIII-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 30 liters per cylinder and is a 2010 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
FWP	EU	60IIII-01	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)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 30 liters per cylinder and is a 2010 model year and later must comply with a PM emission limit of 0.30 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
FWP	EU	63ZZZZ-01	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	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
GRP-DEWHEAT	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 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 heat input capacity of less than or equal to 5 million Btu per hour designed to burn gas 1, a tune-up of the boiler or process heater must be conducted every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7521(f)(1) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
GRP-DEWHTSTK	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent 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
GRP-EMENG	EU	60IIII-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1042.101 § 60.4202(f)(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 displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr, as stated in 40 CFR 60.4202(e)-(f), 40 CFR	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)
						1042.101, and 40 CFR 1042-Appendix I.			
GRP-EMENG	EU	60III-01	Hydrocarbons	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1042.101 § 60.4202(f)(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 600 KW and less than 1400 KW and a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder and is a 2017 model year and later must comply with an HC emission limit of 0.19 g/KW-hr, as stated in 40 CFR 60.4202(f)(1)-(2) and 40 CFR 1042.101.	None	None	[G]§ 60.4214(d)
GRP-EMENG	EU	60III-01	NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1042.101 § 60.4202(f)(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 600 KW and less than 1400 KW and a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder and is a 2017 model year and later must comply with a NO _x emission limit of 1.8 g/KW-hr, as stated in 40 CFR 60.4202(f)(1)-(2) and 40 CFR 1042.101.	None	None	[G]§ 60.4214(d)
GRP-EMENG	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1042.101	Owners and operators of 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)
					§ 60.4202(f)(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 a maximum engine power greater than or equal to 600 KW and less than 1400 KW and a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder and is a 2017 model year and later must comply with a PM emission limit of 0.04 g/KW-hr, as stated in 40 CFR 60.4202(f)(1)-(2) and 40 CFR 1042.101.			
GRP-EMENG	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
GRP-ENGINES	EU	60JJJJ-01	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e)	Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(e)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4) § 60.4245(j)	[G]§ 60.4245(c) § 60.4245(d) § 60.4245(f) [G]§ 60.4245(g) [G]§ 60.4245(h) [G]§ 60.4245(i)
GRP-ENGINES	EU	60JJJJ-01	NO _x	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1	Owners and operators of stationary non-emergency	§ 60.4243(b)(2) § 60.4243(b)(2)(ii)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii)	[G]§ 60.4245(c) § 60.4245(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)
					§ 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e)	natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(d)	§ 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4) § 60.4245(j)	§ 60.4245(f) [G]§ 60.4245(g) [G]§ 60.4245(h) [G]§ 60.4245(i)
GRP-ENGINES	EU	60JJJJ-01	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e)	Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(f) § 60.4244(g)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4) § 60.4245(j)	[G]§ 60.4245(c) § 60.4245(d) § 60.4245(f) [G]§ 60.4245(g) [G]§ 60.4245(h) [G]§ 60.4245(i)
GRP-ENGINES	EU	63ZZZZ-01	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(b)-Table 2a.2.b § 63.6595(c) § 63.6600(b)-Table 2b.1.a § 63.6600(b)-Table 2b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b) § 63.6640(b)	For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615 § 63.6620(a) § 63.6620(a)-Table 3.3 § 63.6620(a)-Table 4.3.a.i § 63.6620(a)-Table 4.3.a.ii § 63.6620(a)-Table 4.3.a.iii § 63.6620(a)-Table 4.3.a.iv § 63.6620(b) § 63.6620(b)(2) § 63.6620(d) [G]§ 63.6620(e)(2)	§ 63.6620(i) § 63.6630(a)-Table 5.9.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(c) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table 7.1.a.i § 63.6650(a)-Table 7.1.b § 63.6650(a)-Table 7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.6625(b) § 63.6630(a)-Table 5.9.a.i § 63.6630(a)-Table 5.9.a.ii § 63.6630(a)-Table 5.9.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table 6.7.a.i § 63.6640(a)-Table 6.7.a.ii § 63.6640(a)-Table 6.7.a.iii § 63.6640(a)-Table 6.7.a.iv § 63.6640(a)-Table 6.7.a.v § 63.6640(b)		[G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f)
GRP-ENGINES	EU	63ZZZZ-02	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(b)-Table 2a.2.a § 63.6595(c) § 63.6600(b)-Table 2b.1.a § 63.6600(b)-Table 2b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b) § 63.6640(b)	For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must reduce CO emission by 93% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615 § 63.6620(a) § 63.6620(a)-Table 3.1 § 63.6620(a)-Table 4.1.a.i § 63.6620(a)-Table 4.1.a.ii § 63.6620(a)-Table 4.1.a.iii § 63.6620(b) § 63.6620(b)(2) § 63.6620(d) § 63.6620(e)(1) [G]§ 63.6620(e)(2)	§ 63.6620(i) § 63.6630(a)-Table 5.1.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(c) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table 7.1.a.i § 63.6650(a)-Table 7.1.b § 63.6650(a)-Table 7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.6625(b) § 63.6630(a)-Table 5.1.a.i § 63.6630(a)-Table 5.1.a.ii § 63.6630(a)-Table 5.1.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table 6.1.a.i § 63.6640(a)-Table 6.1.a.ii § 63.6640(a)-Table 6.1.a.iii § 63.6640(a)-Table 6.1.a.iv § 63.6640(a)-Table 6.1.a.v § 63.6640(b)		§ 63.6650(b)(4) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f)
GRP-ENGSTK	EP	R1111-01	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
GRP-OILMIST	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent 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
GRP-	EP	R1111-01	Opacity	30 TAC Chapter	§ 111.111(a)(1)(B)	Visible emissions from any	[G]§	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)
ROOMHEAT				111, Visible Emissions	§ 111.111(a)(1)(E)	stationary vent 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.	111.111(a)(1)(F) ** See Periodic Monitoring Summary		

Additional Monitoring Requirements

Periodic Monitoring Summary	26
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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-DEWHTSTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: A deviation would occur if an alternate fuel is fired either alone or in combination with pipeline natural gas, or if a conducted observation of visible emissions resulted in opacity over 20%.	
Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-ENGSTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: A deviation would occur if an alternate fuel is fired either alone or in combination with pipeline natural gas, or if a conducted observation of visible emissions resulted in opacity over 15%.	
Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-OILMIST	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible emissions or opacity	
Minimum Frequency: Annual	
Averaging Period: 6 minutes (for Test Method 9)	
Deviation Limit: Opacity over 20%.	
Periodic Monitoring Text: Observe for visible emissions while each facility is in operation. Observations shall be made at least 15 feet and no more than 0.25 miles from the emission points. Up to three emission points may be read concurrently, provided that all three emission points are within a 70-degree viewing sector or angle in front of the observer such that the sun position is at the observer's back and can be maintained for all three emission points. Observations shall be performed and recorded annually. If visible emissions are observed from an emission point, then the opacity shall be determined and documented within 24 hours for that emission point using Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9, or the visible emissions shall be reported as a deviation. If visible emissions are observed during the observation and Test Method 9 is not conducted within 24 hours, or if the result of the Test Method 9 is opacity above the maximum value in the deviation limit, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-ROOMHEAT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: A deviation would occur if an alternate fuel is fired either alone or in combination with pipeline natural gas, or if a conducted observation of visible emissions resulted in opacity over 20%.	
Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.	

Permit Shield

Permit Shield 31

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
GRP-DEWHEAT	DEW-HEAT1, DEW-HEAT2	30 TAC Chapter 117, Subchapter E, Division 3	Process heaters have a maximum rated capacity greater than 2.0 million British thermal units per hour.
GRP-ENGINES	ENG-1, ENG-10, ENG-11, ENG-12, ENG-13, ENG-14, ENG-15, ENG-16, ENG-17, ENG-18, ENG-19, ENG-2, ENG-20, ENG-3, ENG-4, ENG-5, ENG-6, ENG-7, ENG-8, ENG-9	30 TAC Chapter 117, East Texas Combustion	Caldwell county is not a listed county.
GRP-ENGINES	ENG-1, ENG-10, ENG-11, ENG-12, ENG-13, ENG-14, ENG-15, ENG-16, ENG-17, ENG-18, ENG-19, ENG-2, ENG-20, ENG-3, ENG-4, ENG-5, ENG-6, ENG-7, ENG-8, ENG-9	30 TAC Chapter 117, Subchapter E, Division 1	Caldwell county is not a listed county.
GRP-ENGINES	ENG-1, ENG-10, ENG-11, ENG-12, ENG-13, ENG-14, ENG-15, ENG-16, ENG-17, ENG-18, ENG-19, ENG-2, ENG-20, ENG-3, ENG-4, ENG-5, ENG-6, ENG-7, ENG-8, ENG-9	40 CFR Part 97	Engines with nameplate capacity of less than 25 MWe producing electricity for sale.
GRP-ROOMHEAT	ROOMHEAT-1, ROOMHEAT-10, ROOMHEAT-11, ROOMHEAT-12, ROOMHEAT-13, ROOMHEAT-14, ROOMHEAT-15, ROOMHEAT-16, ROOMHEAT-17, ROOMHEAT-18, ROOMHEAT-19, ROOMHEAT-2, ROOMHEAT-20, ROOMHEAT-21, ROOMHEAT-22, ROOMHEAT-23, ROOMHEAT-24, ROOMHEAT-25, ROOMHEAT-26, ROOMHEAT-27, ROOMHEAT-28, ROOMHEAT-29, ROOMHEAT-3, ROOMHEAT-30,	30 TAC Chapter 117, Subchapter E, Division 3	Heaters are not natural gas-fired water heaters, boilers, or process heaters.

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
	ROOMHEAT-31, ROOMHEAT-32, ROOMHEAT-33, ROOMHEAT-34, ROOMHEAT-35, ROOMHEAT-36, ROOMHEAT-37, ROOMHEAT-38, ROOMHEAT-39, ROOMHEAT-4, ROOMHEAT-40, ROOMHEAT-41, ROOMHEAT-42, ROOMHEAT-43, ROOMHEAT-44, ROOMHEAT-45, ROOMHEAT-46, ROOMHEAT-47, ROOMHEAT-48, ROOMHEAT-49, ROOMHEAT-5, ROOMHEAT-50, ROOMHEAT-51, ROOMHEAT-52, ROOMHEAT-6, ROOMHEAT-7, ROOMHEAT-8, ROOMHEAT-9		
GRP-ROOMHEAT	ROOMHEAT-1, ROOMHEAT-10, ROOMHEAT-11, ROOMHEAT-12, ROOMHEAT-13, ROOMHEAT-14, ROOMHEAT-15, ROOMHEAT-16, ROOMHEAT-17, ROOMHEAT-18, ROOMHEAT-19, ROOMHEAT-2, ROOMHEAT-20, ROOMHEAT-21, ROOMHEAT-22, ROOMHEAT-23, ROOMHEAT-24, ROOMHEAT-25, ROOMHEAT-26, ROOMHEAT-27, ROOMHEAT-28, ROOMHEAT-29, ROOMHEAT-3, ROOMHEAT-30, ROOMHEAT-31, ROOMHEAT-32, ROOMHEAT-33, ROOMHEAT-34, ROOMHEAT-35, ROOMHEAT-36, ROOMHEAT-37, ROOMHEAT-38, ROOMHEAT-39, ROOMHEAT-4,	40 CFR Part 63, Subpart DDDDD	Heaters are not industrial, commercial, or institutional boilers or process heaters.

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
	ROOMHEAT-40, ROOMHEAT-41, ROOMHEAT-42, ROOMHEAT-43, ROOMHEAT-44, ROOMHEAT-45, ROOMHEAT-46, ROOMHEAT-47, ROOMHEAT-48, ROOMHEAT-49, ROOMHEAT-5, ROOMHEAT-50, ROOMHEAT-51, ROOMHEAT-52, ROOMHEAT-6, ROOMHEAT-7, ROOMHEAT-8, ROOMHEAT-9		
GRP-TANK	TNK-DSL1, TNK-GAS1, TNK-MAINTLUB1, TNK-MAINTLUB2, TNK-NEWLUBE1, TNK-NEWLUBE2, TNKUSED OIL1	40 CFR Part 60, Subpart K	Tanks were not constructed, reconstructed, or modified prior to May 19, 1978.
GRP-TANK	TNK-DSL1, TNK-GAS1, TNK-MAINTLUB1, TNK-MAINTLUB2, TNK-NEWLUBE1, TNK-NEWLUBE2, TNKUSED OIL1	40 CFR Part 60, Subpart Ka	Tanks were not constructed, reconstructed, or modified prior to July 23, 1984.
GRP-TANK	TNK-DSL1, TNK-GAS1, TNK-MAINTLUB1, TNK-MAINTLUB2, TNK-NEWLUBE1, TNK-NEWLUBE2, TNKUSED OIL1	40 CFR Part 60, Subpart Kb	Tanks were not constructed, reconstructed, or modified prior to October 4, 2023.
GRP-TANK	TNK-DSL1, TNK-GAS1, TNK-MAINTLUB1, TNK-MAINTLUB2, TNK-NEWLUBE1, TNK-NEWLUBE2, TNKUSED OIL1	40 CFR Part 60, Subpart Kc	Each tank's capacity is less than 75.7 cubic meters.

New Source Review Authorization References

New Source Review Authorization References	35
New Source Review Authorization References by Emission Unit	36

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.: 172123	Issuance Date: 05/06/2025
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.102	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
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**
DEW-HEAT1	DEW HEATER 1	172123
DEW-HEAT2	DEW HEATER 2	172123
DEW-HTSTK1	DEW HEATER 1	172123
DEW-HTSTK2	DEW HEATER 2	172123
EMENG1	EMERGENCY ENGINE 1	106.511/09/04/2000
EMENG2	EMERGENCY ENGINE 2	106.511/09/04/2000
ENG-1	ENGINE 1	172123
ENG-10	ENGINE 10	172123
ENG-10STK	ENGINE 10 STACK	172123
ENG-11	ENGINE 11	172123
ENG-11STK	ENGINE 11 STACK	172123
ENG-12	ENGINE 12	172123
ENG-12STK	ENGINE 12 STACK	172123
ENG-13	ENGINE 13	172123
ENG-13STK	ENGINE 13 STACK	172123
ENG-14	ENGINE 14	172123
ENG-14STK	ENGINE 14 STACK	172123
ENG-15	ENGINE 15	172123
ENG-15STK	ENGINE 15 STACK	172123
ENG-16	ENGINE 16	172123
ENG-16STK	ENGINE 16 STACK	172123

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**
ENG-17	ENGINE 17	172123
ENG-17STK	ENGINE 17 STACK	172123
ENG-18	ENGINE 18	172123
ENG-18STK	ENGINE 18 STACK	172123
ENG-19	ENGINE 19	172123
ENG-19STK	ENGINE 19 STACK	172123
ENG-1STK	ENGINE 1 STACK	172123
ENG-2	ENGINE 2	172123
ENG-20	ENGINE 20	172123
ENG-20STK	ENGINE 20 STACK	172123
ENG-2STK	ENGINE 2 STACK	172123
ENG-3	ENGINE 3	172123
ENG-3STK	ENGINE 3 STACK	172123
ENG-4	ENGINE 4	172123
ENG-4STK	ENGINE 4 STACK	172123
ENG-5	ENGINE 5	172123
ENG-5STK	ENGINE 5 STACK	172123
ENG-6	ENGINE 6	172123
ENG-6STK	ENGINE 6 STACK	172123
ENG-7	ENGINE 7	172123
ENG-7STK	ENGINE 7 STACK	172123

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**
ENG-8	ENGINE 8	172123
ENG-8STK	ENGINE 8 STACK	172123
ENG-9	ENGINE 9	172123
ENG-9STK	ENGINE 9 STACK	172123
FWP	FIREWATER PUMP	106.511/09/04/2000
OILMIST1	ENGINE OIL VENT 1	172123
OILMIST10	ENGINE OIL VENT 10	172123
OILMIST11	ENGINE OIL VENT 11	172123
OILMIST12	ENGINE OIL VENT 12	172123
OILMIST13	ENGINE OIL VENT 13	172123
OILMIST14	ENGINE OIL VENT 14	172123
OILMIST15	ENGINE OIL VENT 15	172123
OILMIST16	ENGINE OIL VENT 16	172123
OILMIST17	ENGINE OIL VENT 17	172123
OILMIST18	ENGINE OIL VENT 18	172123
OILMIST19	ENGINE OIL VENT 19	172123
OILMIST2	ENGINE OIL VENT 2	172123
OILMIST20	ENGINE OIL VENT 20	172123
OILMIST3	ENGINE OIL VENT 3	172123
OILMIST4	ENGINE OIL VENT 4	172123
OILMIST5	ENGINE OIL VENT 5	172123

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**
OILMIST6	ENGINE OIL VENT 6	172123
OILMIST7	ENGINE OIL VENT 7	172123
OILMIST8	ENGINE OIL VENT 8	172123
OILMIST9	ENGINE OIL VENT 9	172123
ROOMHEAT-1	ENGINE ROOM HEATER 1	106.102/09/04/2000
ROOMHEAT-10	ENGINE ROOM HEATER 10	106.102/09/04/2000
ROOMHEAT-11	ENGINE ROOM HEATER 11	106.102/09/04/2000
ROOMHEAT-12	ENGINE ROOM HEATER 12	106.102/09/04/2000
ROOMHEAT-13	ENGINE ROOM HEATER 13	106.102/09/04/2000
ROOMHEAT-14	ENGINE ROOM HEATER 14	106.102/09/04/2000
ROOMHEAT-15	ENGINE ROOM HEATER 15	106.102/09/04/2000
ROOMHEAT-16	ENGINE ROOM HEATER 16	106.102/09/04/2000
ROOMHEAT-17	ENGINE ROOM HEATER 17	106.102/09/04/2000
ROOMHEAT-18	ENGINE ROOM HEATER 18	106.102/09/04/2000
ROOMHEAT-19	ENGINE ROOM HEATER 19	106.102/09/04/2000
ROOMHEAT-2	ENGINE ROOM HEATER 2	106.102/09/04/2000
ROOMHEAT-20	ENGINE ROOM HEATER 20	106.102/09/04/2000
ROOMHEAT-21	ENGINE ROOM HEATER 21	106.102/09/04/2000
ROOMHEAT-22	ENGINE ROOM HEATER 22	106.102/09/04/2000
ROOMHEAT-23	ENGINE ROOM HEATER 23	106.102/09/04/2000
ROOMHEAT-24	ENGINE ROOM HEATER 24	106.102/09/04/2000

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**
ROOMHEAT-25	ENGINE ROOM HEATER 25	106.102/09/04/2000
ROOMHEAT-26	ENGINE ROOM HEATER 26	106.102/09/04/2000
ROOMHEAT-27	ENGINE ROOM HEATER 27	106.102/09/04/2000
ROOMHEAT-28	ENGINE ROOM HEATER 28	106.102/09/04/2000
ROOMHEAT-29	ENGINE ROOM HEATER 29	106.102/09/04/2000
ROOMHEAT-3	ENGINE ROOM HEATER 3	106.102/09/04/2000
ROOMHEAT-30	ENGINE ROOM HEATER 30	106.102/09/04/2000
ROOMHEAT-31	ENGINE ROOM HEATER 31	106.102/09/04/2000
ROOMHEAT-32	ENGINE ROOM HEATER 32	106.102/09/04/2000
ROOMHEAT-33	ENGINE ROOM HEATER 33	106.102/09/04/2000
ROOMHEAT-34	ENGINE ROOM HEATER 34	106.102/09/04/2000
ROOMHEAT-35	ENGINE ROOM HEATER 35	106.102/09/04/2000
ROOMHEAT-36	ENGINE ROOM HEATER 36	106.102/09/04/2000
ROOMHEAT-37	ENGINE ROOM HEATER 37	106.102/09/04/2000
ROOMHEAT-38	ENGINE ROOM HEATER 38	106.102/09/04/2000
ROOMHEAT-39	ENGINE ROOM HEATER 39	106.102/09/04/2000
ROOMHEAT-4	ENGINE ROOM HEATER 4	106.102/09/04/2000
ROOMHEAT-40	ENGINE ROOM HEATER 40	106.102/09/04/2000
ROOMHEAT-41	ENGINE ROOM HEATER 41	106.102/09/04/2000
ROOMHEAT-42	ENGINE ROOM HEATER 42	106.102/09/04/2000
ROOMHEAT-43	ENGINE ROOM HEATER 43	106.102/09/04/2000

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**
ROOMHEAT-44	ENGINE ROOM HEATER 44	106.102/09/04/2000
ROOMHEAT-45	ENGINE ROOM HEATER 45	106.102/09/04/2000
ROOMHEAT-46	ENGINE ROOM HEATER 46	106.102/09/04/2000
ROOMHEAT-47	ENGINE ROOM HEATER 47	106.102/09/04/2000
ROOMHEAT-48	ENGINE ROOM HEATER 48	106.102/09/04/2000
ROOMHEAT-49	ENGINE ROOM HEATER 49	106.102/09/04/2000
ROOMHEAT-5	ENGINE ROOM HEATER 5	106.102/09/04/2000
ROOMHEAT-50	ENGINE ROOM HEATER 50	106.102/09/04/2000
ROOMHEAT-51	ENGINE ROOM HEATER 51	106.102/09/04/2000
ROOMHEAT-52	ENGINE ROOM HEATER 52	106.102/09/04/2000
ROOMHEAT-6	ENGINE ROOM HEATER 6	106.102/09/04/2000
ROOMHEAT-7	ENGINE ROOM HEATER 7	106.102/09/04/2000
ROOMHEAT-8	ENGINE ROOM HEATER 8	106.102/09/04/2000
ROOMHEAT-9	ENGINE ROOM HEATER 9	106.102/09/04/2000
TNK-DSL1	DIESEL TANK 1	106.472/09/04/2000
TNK-GAS1	GASOLINE TANK 1	106.473/09/04/2000
TNK-MAINTLUB1	MAINTENANCE LUBE OIL TANK 1	106.472/09/04/2000
TNK-MAINTLUB2	MAINTENANCE LUBE OIL TANK 2	106.472/09/04/2000
TNK-NEWLUBE1	NEW LUBE OIL TANK 1	106.472/09/04/2000
TNK-NEWLUBE2	NEW LUBE OIL TANK 2	106.472/09/04/2000
TNKUSED OIL1	USED LUBE OIL TANK	106.472/09/04/2000

**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 44

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