

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Ash Grove Cement Company

AUTHORIZING THE OPERATION OF
Midlothian Plant
Cement Manufacturing

LOCATED AT
Ellis County, Texas
Latitude 32° 31' 10" Longitude 97° 0' 27"
Regulated Entity Number: RN100225978

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: O1054 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 LLL as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, §113.690 which incorporates the 40 CFR Part 63 Subpart by reference.
- F. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, §113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
- G. For the purpose of generating emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 1 (Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 101.302 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.303 (relating to Emission Reduction Credit Generation Certification)
 - (iii) Title 30 TAC § 101.304 (relating to Mobile Emission Reduction Credit Generation and Certification)
 - (iv) Title 30 TAC § 101.309 (relating to Emission Credit Banking and Trading)
 - (v) The terms and conditions by which the emission limits are established to generate the reduction credit are applicable requirements of this permit
- H. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 101.372 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
 - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
 - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
 - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

- D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
 - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall

be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) 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. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities specified in 30 TAC Chapter 115, Subchapter C, the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 115.221 (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.222 (relating to Control Requirements)
 - (iii) Title 30 TAC § 115.223 (relating to Alternate Control Requirements)
 - (iv) Title 30 TAC § 115.224 (relating to Inspection Requirements)
 - (v) Title 30 TAC § 115.225 (relating to Testing Requirements)
 - (vi) Title 30 TAC § 115.226 (relating to Recordkeeping Requirements)

- B. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, 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)
- 5. 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)
- 6. For open storage piles; including equipment used in loading, unloading, and conveying operations; constructed, reconstructed, or modified after May 27, 2009, the permit holder shall comply with the following requirements of 40 CFR Part 60, Subpart Y for control of fugitive coal dust emissions:
 - A. Title 40 CFR § 60.254(c) and (c)(1) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles), for preparation of and operation in accordance with a fugitive coal dust emissions control plan
 - B. Title 40 CFR § 60.254(c)(2) and (c)(6) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles), for control measures for open coal storage piles
 - C. Title 40 CFR § 60.254(c)(3) and (c)(3)(i) - (iv) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles), for alternative control measures

- D. Title 40 CFR § 60.254(c)(4), (c)(4)(i) - (ii), and (c)(5)(ii) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles) for submittal of the fugitive coal dust emissions control plan
 - E. Title 40 CFR § 60.258(a) and (a)(6) (relating to Reporting and recordkeeping)
- 7. For the nonmetallic mineral processing operations specified in 40 CFR Part 60, Subpart OOO, the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 60.670(f) (relating to Applicability and Designation of Affected Facility), for Table 1 for Subpart A
 - B. Title 40 CFR § 60.673(a) - (b) (relating to Reconstruction)
 - C. Title 40 CFR § 60.676(h) (relating to Reporting and Recordkeeping)
- 8. 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.
- 9. For each gasoline dispensing facility, with a throughput of less than 10,000 gallons per month as specified in 40 CFR Part 63, Subpart CCCCC, the permit holder shall comply with the following requirements (Title 30 TAC, Subchapter C, § 113.1380 incorporated by reference):
 - A. Title 40 CFR § 63.11111(e), for records of monthly throughput
 - B. Title 40 CFR § 63.11111(i), for compliance due to increase of throughput
 - C. Title 40 CFR § 63.11113(c), for compliance due to increase of throughput
 - D. Title 40 CFR § 63.11115(a), for operation of the source
 - E. Title 40 CFR § 63.11116(a) and (a)(1) - (4), for work practices
 - F. Title 40 CFR § 63.11116(b), for records availability
 - G. Title 40 CFR § 63.11116(d), for portable gasoline containers
- 10. 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

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

- A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
 - E. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall comply with either of the following requirements for any particulate matter capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective action:
 - (i) Once per year the permit holder shall inspect any fan for proper operation and inspect the capture system used in compliance of CAM for cracks, holes, tears, and other defects; or
 - (ii) Once per year, the permit holder shall inspect for fugitive emissions escaping from the capture system in compliance of CAM by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.
 - F. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to detect leaking components for any capture system associated with the control device subject to CAM. If the results of the inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions.
 - G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
12. 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

13. 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 12, 2025 in the application for project 36524), 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
14. 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.
15. 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).
16. 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 non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

17. 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.

- A. The permit holder shall comply with the compliance schedule as required in 30 TAC § 117.9320 for cement kilns.

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

- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

19. 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

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

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

Alternative Requirements

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

Permit Location

22. 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)

23. 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

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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
1-10	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-11A	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-11B	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-12	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-16	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-16A1	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-16A2	MINERAL PROCESSING PLANT	N/A	60F-2(08+)	40 CFR Part 60, Subpart F	No changing attributes.
1-18	MINERAL PROCESSING PLANT	N/A	60OOO-1	40 CFR Part 60, Subpart OOO	No changing attributes.
1-19	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-20	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-21	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-22	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-23	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-24	MINERAL PROCESSING PLANT	N/A	60OOO-2	40 CFR Part 60, Subpart OOO	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
1-25	MINERAL PROCESSING PLANT	N/A	60000-2	40 CFR Part 60, Subpart OOO	No changing attributes.
1-25C	MINERAL PROCESSING PLANT	N/A	60000-2	40 CFR Part 60, Subpart OOO	No changing attributes.
1-27	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-28	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-29	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-2C	MINERAL PROCESSING PLANT	N/A	60000-2	40 CFR Part 60, Subpart OOO	No changing attributes.
1-2F	MINERAL PROCESSING PLANT	N/A	60000-1	40 CFR Part 60, Subpart OOO	No changing attributes.
1-30	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-31	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-32	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-33	MINERAL PROCESSING PLANT	N/A	60F-1(08+)	40 CFR Part 60, Subpart F	No changing attributes.
1-41	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
1-42	SRIC ENGINES	N/A	R7403-0	30 TAC Chapter 117, Subchapter B	No changing attributes.
1-42	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
1-46	SRIC ENGINES	N/A	R7403-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
1-46	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
1-48	SRIC ENGINES	N/A	R7410-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
1-48	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart III	No changing attributes.
1-48	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
1-6C	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-6D	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-9A	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
1-9B	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
10	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
11	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
2-10	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
2-11	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
2-6A	MINERAL PROCESSING	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PLANT				
2-6B	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
2-9	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
27	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
3-10	MINERAL PROCESSING PLANT	N/A	63LLL-CLK PILE	40 CFR Part 63, Subpart LLL	No changing attributes.
3-14	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
3-15	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
32	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
4-5	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
4-6	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
443.SK1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
444.BF2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
444.BF2.TS	MINERAL PROCESSING PLANT	N/A	60F-1(08+)	40 CFR Part 60, Subpart F	No changing attributes.
444.BF3	EMISSION	N/A	R1111-1	30 TAC Chapter 111, Visible	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Emissions	
444.BF3.TS	MINERAL PROCESSING PLANT	N/A	60F-1(08+)	40 CFR Part 60, Subpart F	No changing attributes.
444.BF4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
444.DC2	MINERAL PROCESSING PLANT	N/A	60F-2(08+)	40 CFR Part 60, Subpart F	No changing attributes.
446.EG1	SRIC ENGINES	N/A	R7403-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
446.EG1	SRIC ENGINES	N/A	60III-2	40 CFR Part 60, Subpart III	No changing attributes.
446.EG1	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
44B.BC1	COAL PREPARATION PLANT	N/A	60Y-1(08+)	40 CFR Part 60, Subpart Y	No changing attributes.
44B.BC2	COAL PREPARATION PLANT	N/A	60Y-1(08+)	40 CFR Part 60, Subpart Y	No changing attributes.
44B.BN1	COAL PREPARATION PLANT	N/A	60Y-1(08+)	40 CFR Part 60, Subpart Y	No changing attributes.
44B.BN2	COAL PREPARATION PLANT	N/A	60Y-1(08+)	40 CFR Part 60, Subpart Y	No changing attributes.
44B.DG1	COAL PREPARATION PLANT	N/A	60Y-1(08+)	40 CFR Part 60, Subpart Y	No changing attributes.
44B.MR1	COAL PREPARATION PLANT	N/A	60Y-3(09+)	40 CFR Part 60, Subpart Y	No changing attributes.
44B.SK1	EMISSION POINTS/STATIONARY	N/A	R5127-A2A	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
5-2A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
5-2A	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
5-6	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
5-C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
5-C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
5-C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5122-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
5-M	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
5-M	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
5-M	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5122-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
6-1	COAL PREPARATION PLANT	N/A	60Y-1	40 CFR Part 60, Subpart Y	No changing attributes.
7-1-1	STORAGE	N/A	R5112-1	30 TAC Chapter 115,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	
7-1-2	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
7-1-3	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
7-1-4	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
7-4	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-Urea	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
7-7	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9-12	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
9-13	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
9-2	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
9-2	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
9-5	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
9-6A	SOLVENT DEGREASING MACHINES	N/A	R5412-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
9-6B	SOLVENT DEGREASING MACHINES	N/A	R5412-2	30 TAC Chapter 115, Degreasing Processes	No Changing attributes.
9-7	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
9-8	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
9-9	LOADING/UNLOADING OPERATIONS	N/A	R5217A1-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
9-C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
9-C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
9-C	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5122-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
9-M	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
9-M	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
9-M	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5122-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F-CSB	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
F-MB1-A	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
GRP-601	MINERAL PROCESSING PLANT	601.AS3-6, 601.BE1, 601.SC1, 601.SC2, 601.SC3, 601.SC4, 601.SC5	60F-2(08+)	40 CFR Part 60, Subpart F	No changing attributes.
GRP-COAL74-08	COAL PREPARATION PLANT	6-10A, 6-10B, 6- 10C, 6-2, 6-3, 6-5A, 6-5B, 6-6-1, 6-6-2, 6-6A, 6-7, 6-8, 6-9	60Y-1	40 CFR Part 60, Subpart Y	No changing attributes.
GRP- KILN3RECON	PROCESS HEATERS/FURNACES	442.DR1, 444.CI1, 444.CN1, 444.CN2, 446.KD1	R2112-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
GRP- KILN3RECON	DRYER/KILN/OVEN	442.DR1, 444.CI1, 444.CN1, 444.CN2, 446.KD1	R73100	30 TAC Chapter 117, Cement Kilns	No changing attributes.
GRP- KILN3RECON	MINERAL PROCESSING PLANT	442.DR1, 444.CI1, 444.CN1, 444.CN2, 446.KD1	60F-1(08+)	40 CFR Part 60, Subpart F	No changing attributes.
GRP- KILN3RECON	MINERAL PROCESSING PLANT	442.DR1, 444.CI1, 444.CN1, 444.CN2, 446.KD1	63LLL-1(+09)	40 CFR Part 63, Subpart LLL	No changing attributes.
GRP-PORTHTR1	PROCESS HEATERS/FURNACES	9-14, 9-15, 9-16, 9- 17, 9-18, 9-19, 9-20, 9-21, 9-22, 9-23, 9- 24, 9-25, 9-26, 9-27, 9-28, 9-29, 9-30	R2112-2	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
GRP-REVISEDTPS	MINERAL PROCESSING	443.AS1, 443.BE1,	60F-3(08+)	40 CFR Part 60, Subpart F	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PLANT	443.BN3, 447.CH1, 449.CH1, 449.CH2			
GRP-VENT1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	24, 25, 28, 30, 33, 35, 4, 8	R1111	30 TAC Chapter 111, Visible Emissions	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)
1-10	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-11A	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-11B	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
1-12	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-16	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-16A1	EU	60F-1	PM	40 CFR Part 60,	§ 60.62(c)	On and after the date on	§ 60.64(a)	§ 63.1350(m)(3)	§ 60.64(d)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			(Opacity)	Subpart F	§ 60.62(d)	which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(4)
1-16A2	EU	60F-2(08+)	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-18	EU	60000-1	PM	40 CFR Part 60, Subpart OOO	§ 60.672(a)-Table 2 § 60.672(a)	Stack emissions from affected facilities with capture systems (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008, the owner or	§ 60.675(a) § 60.675(b)(1) ** See Periodic Monitoring Summary	None	§ 60.676(f) [G]§ 60.676(i) § 60.676(k)

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)
						operator must meet a PM limit of 0.05 g/dscm (0.022 gr/dscf).			
1-18	EU	60000-1	PM (Opacity)	40 CFR Part 60, Subpart OOO	§ 60.672(a)-Table 2 § 60.672(a)	Stack emissions from affected facilities with capture systems (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008, the owner or operator must meet an opacity limit of 7 percent for dry control devices.	§ 60.675(a) § 60.675(b)(2) [G]§ 60.675(e)(2) § 60.675(i) ** See Periodic Monitoring Summary	None	§ 60.675(g) § 60.675(i) § 60.676(f) [G]§ 60.676(i) § 60.676(k)
1-19	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-20	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
1-21	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-22	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-23	EU	60F-1	PM	40 CFR Part 60,	§ 60.62(c)	On and after the date on	§ 60.64(a)	§ 63.1350(m)(3)	§ 60.64(d)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			(Opacity)	Subpart F	§ 60.62(d)	which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(4)
1-24	EU	60000-2	Exempt	40 CFR Part 60, Subpart OOO	§ 60.670(d)(1) § 60.670(d)(2)	When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.	None	None	§ 60.676(a) [G]§ 60.676(a)(1) [G]§ 60.676(i) § 60.676(k)
1-25	EU	60000-2	Exempt	40 CFR Part 60, Subpart OOO	§ 60.670(d)(1) § 60.670(d)(2)	When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions	None	None	§ 60.676(a) [G]§ 60.676(a)(1) [G]§ 60.676(i) § 60.676(k)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.			
1-25C	EU	60000-2	Exempt	40 CFR Part 60, Subpart OOO	§ 60.670(d)(1) § 60.670(d)(2)	When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.	None	None	§ 60.676(a) [G]§ 60.676(a)(3) [G]§ 60.676(i) § 60.676(k)
1-27	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-28	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
1-29	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-2C	EU	60000-2	Exempt	40 CFR Part 60, Subpart OOO	§ 60.670(d)(1) § 60.670(d)(2)	When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of	None	None	§ 60.676(a) [G]§ 60.676(a)(3) [G]§ 60.676(i) § 60.676(k)

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)
						this section.			
1-2F	EU	60000-1	PM	40 CFR Part 60, Subpart 000	§ 60.672(a)-Table 2 § 60.672(a)	Stack emissions from affected facilities with capture systems (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008, the owner or operator must meet a PM limit of 0.05 g/dscm (0.022 gr/dscf).	§ 60.675(a) § 60.675(b)(1) ** See Periodic Monitoring Summary	None	§ 60.676(f) [G]§ 60.676(i) § 60.676(k)
1-2F	EU	60000-1	PM (Opacity)	40 CFR Part 60, Subpart 000	§ 60.672(a)-Table 2 § 60.672(a)	Stack emissions from affected facilities with capture systems (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008, the owner or operator must meet an opacity limit of 7 percent for dry control devices.	§ 60.675(a) § 60.675(b)(2) [G]§ 60.675(e)(2) § 60.675(i) ** See Periodic Monitoring Summary	None	§ 60.675(g) § 60.675(i) § 60.676(f) [G]§ 60.676(i) § 60.676(k)
1-30	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
							§ 63.1350(p)(3) § 63.1350(p)(4)		
1-31	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-32	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-33	EU	60F-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
1-41	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
1-42	EU	R7403-0	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.403(a)(7)(D) § 117.403(a)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include stationary gas turbines and stationary internal combustion engines used exclusively in emergency situations, except that operation for testing or maintenance is allowed for up to 100 hours per year, based on a rolling 12-month average. New, modified, reconstructed or relocated stationary diesel engine placed into service on or after June 1, 2007, are ineligible.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.440(i) § 117.445(f) § 117.445(f)(4)	None
1-42	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4	For each existing emergency stationary CI	§ 63.6625(i) § 63.6640(a)	§ 63.6625(i) § 63.6655(e)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	
1-46	EU	R7403-1	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(8) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include stationary diesel engines placed into service before June 1, 2007 that operate less than 100 hours/year based on a rolling 12-month average and that has not been modified, reconstructed or relocated on or after June 1, 2007 per §117.403(a)(8)(A)-(B)	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None
1-46	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)				
1-48	EU	R7410-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.410(c)(1) § 117.410(c)(1)(B) § 117.440(j)	No person shall allow the discharge into the atmosphere from any stationary internal combustion engine carbon monoxide (CO) emissions that exceed 400 ppmv at 3.0% oxygen, dry basis or alternatively, 3.0 g/hp-hr	§ 117.435(a)(1) § 117.435(a)(3) § 117.435(b) § 117.435(d) § 117.440(a)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8140(a) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b)	§ 117.445(a) § 117.445(f) [G]§ 117.445(f)(3) § 117.445(f)(8) [G]§ 117.445(f)(9)	§ 117.435(f) § 117.445(b) [G]§ 117.445(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
1-48	EU	R7410-1	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.410(a)(4)(E)(i) § 117.410(a) § 117.410(a)(4)(F) § 117.410(b)(2) [G]§ 117.410(e)(1) § 117.410(e)(2) [G]§ 117.410(e)(3) § 117.410(e)(4) [G]§ 117.410(f) § 117.430(b) § 117.430(b)(7) § 117.440(j)	No person shall allow the discharge from diesel engines, excluding dual-fuel engines, with a horsepower (hp) rating of less than 50 hp that are installed, modified, reconstructed, or relocated on or after March 1, 2009, NO _x emissions in excess of 5.0 g/hp-hr.	§ 117.435(a)(1) § 117.435(a)(3) § 117.435(b) § 117.435(d) § 117.440(a)(2)(C) § 117.440(k)(1) § 117.440(k)(2) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8140(a)	§ 117.445(a) § 117.445(f) [G]§ 117.445(f)(3) § 117.445(f)(8) [G]§ 117.445(f)(9)	§ 117.435(f) § 117.445(b) [G]§ 117.445(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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)
							§ 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b)		
1-48	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 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 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
1-48	EU	60IIII-1	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO _x emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	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)
1-48	EU	60III-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2012 model year must comply with a PM emission limit of 0.30 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102.	None	None	None
1-48	EU	60III-1	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
1-48	EU	63ZZZZ-1	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	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)
						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.			
1-6C	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-6D	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
							§ 63.1350(p)(3) § 63.1350(p)(4)		
1-9A	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
1-9B	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
10	EP	R1111	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	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	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)
						begun after January 31, 1972.			
11	EP	R1111	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
2-10	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
2-11	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
							§ 63.1350(p)(3) § 63.1350(p)(4)		
2-6A	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
2-6B	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
2-9	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
27	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
3-10	EU	63LLL-CLK PILE	112(B) HAPS	40 CFR Part 63, Subpart LLL	§ 63.1340(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart LLL
3-14	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	[G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
3-15	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
32	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
4-5	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
4-6	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
443.SK1	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 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	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) **See Alternative Requirement	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						which construction was begun after January 31, 1972.			
444.BF2	EP	R1111-1	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
444.BF2.TS	EU	60F-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
444.BF3	EP	R1111-1	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
444.BF3.TS	EU	60F-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						§60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
444.BF4	EP	R1111-1	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
444.DC2	EU	60F-2(08+)	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
446.EG1	EU	R7403-2	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i),	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)		[G]§ 117.445(f)(9)	
446.EG1	EU	60III-2	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)
446.EG1	EU	60III-2	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)	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	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)
					§ 60.4211(c) [G]§ 60.4211(f)	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+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
446.EG1	EU	60III-2	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)
446.EG1	EU	60III-2	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) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	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 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	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)
						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).			
446.EG1	EU	63ZZZZ-1	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
44B.BC1	EU	60Y-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(b)(1) § 60.254(b) § 60.255(c) § 60.257(a)	Except as provided in paragraph (b)(3) of this section, an owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified after April 28, 2008 must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent	§ 60.255(b) [G]§ 60.255(b)(2) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2) [G]§ 60.257(a)(3)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(2) § 60.258(a)(3) § 60.258(a)(4)	§ 60.258(b) § 60.258(b)(3) § 60.258(c) § 60.258(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 or greater.			
44B.BC2	EU	60Y-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(b)(1) § 60.254(b) § 60.255(c) § 60.257(a)	Except as provided in paragraph (b)(3) of this section, an owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified after April 28, 2008 must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent opacity or greater.	§ 60.255(b) [G]§ 60.255(b)(2) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2) [G]§ 60.257(a)(3)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(2) § 60.258(a)(3) § 60.258(a)(4)	§ 60.258(b) § 60.258(b)(3) § 60.258(c) § 60.258(d)
44B.BN1	EU	60Y-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(b)(1) § 60.254(b) § 60.255(c) § 60.257(a)	Except as provided in paragraph (b)(3) of this section, an owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified after April 28, 2008 must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent opacity or greater.	§ 60.255(b) [G]§ 60.255(b)(2) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2) [G]§ 60.257(a)(3)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(10) § 60.258(a)(2) § 60.258(a)(3) § 60.258(a)(4)	§ 60.258(b) § 60.258(b)(2) § 60.258(b)(3) § 60.258(c) § 60.258(d)
44B.BN2	EU	60Y-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(b)(1) § 60.254(b) § 60.255(c) § 60.257(a)	Except as provided in paragraph (b)(3) of this section, an owner or operator of any coal processing and conveying	§ 60.255(b) [G]§ 60.255(b)(2) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(10) § 60.258(a)(2) § 60.258(a)(3)	§ 60.258(b) § 60.258(b)(2) § 60.258(b)(3) § 60.258(c) § 60.258(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)
						equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified after April 28, 2008 must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent opacity or greater.	[G]§ 60.257(a)(3)	§ 60.258(a)(4)	
44B.DG1	EU	60Y-1(08+)	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(b)(1) § 60.254(b) § 60.255(c) § 60.257(a)	Except as provided in paragraph (b)(3) of this section, an owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified after April 28, 2008 must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent opacity or greater.	§ 60.255(b) [G]§ 60.255(b)(2) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2) [G]§ 60.257(a)(3)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(2) § 60.258(a)(3) § 60.258(a)(4)	§ 60.258(b) § 60.258(b)(3) § 60.258(c) § 60.258(d)
44B.MR1	EU	60Y-3(09+)	PM	40 CFR Part 60, Subpart Y	§ 60.252(b)(1)(i)(A) § 60.252(b) § 60.252(b)(1)(i) [G]§ 60.255(e)	An owner or operator of a thermal dryer constructed, or reconstructed after April 28, 2008 must not cause to be discharged into the atmosphere from the thermal dryer any gases that contain PM in excess of 0.023 g/dscm (0.010 grains per dry standard cubic feet (gr/dscf)).	§ 60.255(b) § 60.255(b)(1) § 60.255(b)(1)(i) § 60.255(b)(1)(ii) § 60.255(b)(1)(iii) § 60.257(b) § 60.257(b)(1) § 60.257(b)(2) § 60.257(b)(3) § 60.257(b)(4) [G]§ 60.257(b)(5)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(10) § 60.258(a)(3) § 60.258(a)(4)	§ 60.258(b) § 60.258(b)(2) § 60.258(c) § 60.258(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)
44B.MR1	EU	60Y-3(09+)	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.252(b)(1)(i)(B) § 60.252(b) § 60.252(b)(1)(i) § 60.257(a)	An owner or operator of a thermal dryer constructed, or reconstructed after April 28, 2008, must not cause to be discharged into the atmosphere from the thermal dryer any gases that exhibit 10 percent opacity or greater.	§ 60.255(b) [G]§ 60.255(b)(2) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(3)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(10) § 60.258(a)(2) § 60.258(a)(3) § 60.258(a)(4)	§ 60.258(b) § 60.258(b)(2) § 60.258(b)(3) § 60.258(c) § 60.258(d)
44B.SK1	EP	R5127-A2A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
44B.SK1	EP	R5127-A2A	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
5-2A	EP	R1111	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
5-2A	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
5-6	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
5-C	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
5-C	EP	R1111-1	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%	[G]§ 111.111(a)(1)(F) ** See CAM	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)
						averaged over a six minute period for any source on which construction was begun after January 31, 1972.	Summary		
5-C	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
5-C	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
5-M	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
5-M	EP	R1111-1	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,	[G]§ 111.111(a)(1)(F) ** See CAM Summary	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)
						1972.			
5-M	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
5-M	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
6-1	EU	60Y-1	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(a) § 60.257(a)	On and after the date on which the performance test is conducted or required to be completed under §60.8, whichever date comes first, an owner or operator shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified on or before April 28, 2008, gases which exhibit 20 percent opacity or greater.	§ 60.255(a) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(3) ** See Periodic Monitoring Summary	None	§ 60.258(c) § 60.258(d)
7-1-1	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
7-1-2	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
7-1-3	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
7-1-4	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
7-4	EU	R5217A1-Urea	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
7-7	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
9-12	EU	R5217A1-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
9-13	EU	R5217A1-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
9-2	EU	R5217A1-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
9-2	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
9-5	EU	R5217A1-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
9-6A	EU	R5412-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(D) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	§ 115.416 § 115.416(4) § 115.416(4)(A) § 115.416(4)(B)	None
9-6B	EU	R5412-2	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.411(a)(4)	An owner or operator who operates a remote reservoir cold solvent cleaner that uses solvent with a true vapor pressure equal to or less than 0.6 psia (4.1 kPa) measured at 100 degrees Fahrenheit (38 degrees Celsius) and that has a drain area less than 16 in ² (100 cm ²) and who properly disposes of waste solvent in enclosed containers is exempt from §115.412(a)(1) of this title.	None	§ 115.416 § 115.416(4) § 115.416(4)(B)	None
9-7	EU	R5217A1-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.214(a)(1)(D)(i)	true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.215(4)		
9-8	EU	R5217A1-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
9-9	EU	R5217A1-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
9-C	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
9-C	EP	R1111-1	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	[G]§ 111.111(a)(1)(F) ** See CAM Summary	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)
						period for any source on which construction was begun after January 31, 1972.			
9-C	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
9-C	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
9-M	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
9-M	EP	R1111-1	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 CAM Summary	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)
9-M	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
9-M	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
F-CSB	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
F-MB1-A	EU	60F-1	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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)
						any gases which exhibit 10 percent opacity, or greater.	§ 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
GRP-601	EU	60F-2(08+)	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(4)
GRP-COAL74-08	EU	60Y-1	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(a) § 60.257(a)	On and after the date on which the performance test is conducted or required to be completed under §60.8, whichever date comes first, an owner or operator shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified on or before April 28, 2008, gases which	§ 60.255(a) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2) [G]§ 60.257(a)(3) ** See Periodic Monitoring Summary	None	§ 60.258(c) § 60.258(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)
						exhibit 20 percent opacity or greater.			
GRP-KILN3RECON	EU	R2112-1	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
GRP-KILN3RECON	EU	R73100	NH ₃	30 TAC Chapter 117, Cement Kilns	§ 117.3125(a)	Where an owner or operator can demonstrate that an affected portland cement kiln cannot attain the ammonia emission specification in §117.3123(f) of this title (relating to Dallas-Fort Worth Eight-Hour Ozone Attainment Demonstration Control Requirements), the executive director may approve an emission specification different from §117.3123(f) of this title for that unit. The executive director:	§ 117.3142(a)(2) § 117.3142(a)(3) § 117.3142(a)(4) § 117.8130 § 117.8130(1) § 117.8130(2) § 117.8130(4)	§ 117.3145(c) § 117.3145(c)(2) § 117.3145(c)(3) § 117.3145(c)(4) § 117.3145(c)(4)(F) § 117.3145(c)(4)(G)	§ 117.3145(a) [G]§ 117.3145(b)
GRP-KILN3RECON	EU	R73100	NO _x	30 TAC Chapter 117, Cement Kilns	§ 117.3110(a)(4) § 117.3103(c) § 117.3110(a) § 117.3110(e)	Each preheater-precalfiner or precalfiner kiln shall ensure that nitrogen oxides emissions do not exceed 2.8 lb/ton of clinker produced.	§ 117.3140(a) § 117.3140(b) [G]§ 117.3140(b)(1) [G]§ 117.3140(b)(2) § 117.3140(b)(3)	§ 117.3145(c) [G]§ 117.3145(c)(1) § 117.3145(c)(2) § 117.3145(c)(3)	§ 117.3145(a) [G]§ 117.3145(b)
GRP-KILN3RECON	EU	R73100	NO _x	30 TAC Chapter 117, Cement Kilns	§ 117.3123(a) § 117.3103(c) § 117.3123(b) § 117.3123(g)	In accordance with the compliance schedule in §117.9320(c), the owner or operator of any portland	§ 117.3123(c) § 117.3140(a) § 117.3140(b) [G]§ 117.3140(b)(1)	§ 117.3145(c) § 117.3145(c)(2) § 117.3145(c)(3) § 117.3145(c)(4)	§ 117.3123(e) [G]§ 117.3123(e)(1) § 117.3123(e)(2) § 117.3145(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)
					§ 117.3142(b) § 117.3142(b)(1) § 117.3142(b)(2) § 117.3142(b)(3)	cement kiln located in Ellis County shall not allow the total NO _x emissions from all cement kilns located at the account to exceed the source cap limitation in §117.3123(b). The source cap limitation of this section only applies from March 1 through October 31 of each calendar year. Compliance with the 30-day rolling average cap must be demonstrated beginning on March 31 of each calendar year.	[G]§ 117.3140(b)(2) § 117.3140(b)(3) § 117.3142(a)(1)(A) [G]§ 117.3142(a)(1)(B) [G]§ 117.3142(a)(1)(C) § 117.3142(a)(2) § 117.3142(a)(4) § 117.3142(b)(1) § 117.3142(b)(2) § 117.3142(b)(3)	§ 117.3145(c)(4)(A) § 117.3145(c)(4)(B) § 117.3145(c)(4)(C) § 117.3145(c)(4)(D) § 117.3145(c)(4)(E) § 117.3145(c)(4)(F)	[G]§ 117.3145(b)
GRP-KILN3RECON	EU	60F-1(08+)	NO _x	40 CFR Part 60, Subpart F	§ 60.62(a)(3) § 60.62(a) § 60.62(d) [G]§ 60.63(b)(1) § 60.63(d) § 60.63(f) § 60.63(f)(1)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any kiln any gases which exceed 1.50 pounds of nitrogen oxide (NOX) per ton of clinker on a 30-operating day rolling average if construction, reconstruction, or modification of the kiln commences after June 16, 2008, except this limit does not apply to any alkali bypass installed on the kiln.	§ 60.62(a)(3) § 60.63(b) [G]§ 60.63(b)(1) § 60.63(b)(2) § 60.63(d) § 60.63(f) § 60.63(f)(1) § 60.63(f)(2) § 60.63(f)(5) [G]§ 60.63(g) [G]§ 60.63(h) [G]§ 60.63(i) § 60.64(a) § 60.64(c) § 60.64(c)(1)	§ 60.63(b)(2) § 60.63(b)(3) § 60.63(d) [G]§ 60.63(i) § 60.64(c) § 60.64(c)(1)	[G]§ 60.63(i) § 60.64(d)(1) § 60.64(d)(2) § 60.64(d)(4) § 60.65(a) § 60.65(b) § 60.65(c)
GRP-KILN3RECON	EU	60F-1(08+)	PM	40 CFR Part 60, Subpart F	§ 60.62(a)(1)(ii) § 60.62(a) § 60.62(a)(1) § 60.62(d) [G]§ 60.63(b)(1)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the	§ 60.63(b) [G]§ 60.63(b)(1) § 60.63(b)(2) [G]§ 60.63(c) [G]§ 60.63(g)	§ 60.63(b)(2) § 60.63(b)(3) [G]§ 60.63(i)	[G]§ 60.63(c) [G]§ 60.63(i) § 60.64(d)(1) § 60.64(d)(3) § 60.64(d)(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)
						atmosphere from any kiln any gases which contain particulate matter (PM) in excess of 0.02 pound per ton of clinker if construction or reconstruction of the kiln commenced after June 16, 2008.	[G]§ 60.63(h) [G]§ 60.63(i) § 60.64(a) § 60.64(b)(1)		§ 60.65(a) § 60.65(b) § 60.65(c)
GRP-KILN3RECON	EU	63LLL-1(+09)	112(B) HAPS	40 CFR Part 63, Subpart LLL	§ 63.1340(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart LLL	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart LLL
GRP-PORTHTR1	EU	R2112-2	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a) § 112.9(b)	No person may cause, suffer, allow, or permit emissions of SO ₂ from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
GRP-REVISEDTPS	EU	60F-3(08+)	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test required to be conducted by §60.8 is completed, you may not discharge into the atmosphere from any affected facility other than the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 60.64(a) § 60.64(b)(2) § 60.64(b)(3) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(p) [G]§ 63.1350(p)(1)	§ 63.1350(m)(3) § 63.1350(m)(4) § 63.1350(p)	§ 60.64(d)(1) § 60.64(d)(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]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
GRP-VENT1	EP	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Additional Monitoring Requirements

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CAM Summary

Unit/Group/Process Information	
ID No.: 5-C	
Control Device ID No.: C5-C	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 5-C	
Control Device ID No.: C5-C	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 5-M	
Control Device ID No.: C5-M	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 5-M	
Control Device ID No.: C5-M	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 9-C	
Control Device ID No.: C9-C	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 9-C	
Control Device ID No.: C9-C	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 9-M	
Control Device ID No.: C9-M	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 9-M	
Control Device ID No.: C9-M	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If the result of Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1-18	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000-1
Pollutant: PM	Main Standard: § 60.672(a)-Table 2
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
<p>Deviation Limit: If visible emissions (VE) are observed, report a deviation. Alternatively, determine the opacity (Test Method 9) no more than 24 hours after observing VE. If the result of the Test Method 9 is an opacity above 7 percent, report a deviation.</p>	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1-18	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000-1
Pollutant: PM (Opacity)	Main Standard: § 60.672(a)-Table 2
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
<p>Deviation Limit: If visible emissions (VE) are observed, report a deviation. Alternatively, determine the opacity (Test Method 9) no more than 24 hours after observing VE. If the result of the Test Method 9 is an opacity above 7 percent, report a deviation.</p> <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1-2F	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000-1
Pollutant: PM	Main Standard: § 60.672(a)-Table 2
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
<p>Deviation Limit: If visible emissions (VE) are observed, report a deviation. Alternatively, determine the opacity (Test Method 9) no more than 24 hours after observing VE. If the result of the Test Method 9 is an opacity above 7 percent, report a deviation.</p>	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1-2F	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000-1
Pollutant: PM (Opacity)	Main Standard: § 60.672(a)-Table 2
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
<p>Deviation Limit: If visible emissions (VE) are observed, report a deviation. Alternatively, determine the opacity (Test Method 9) no more than 24 hours after observing VE. If the result of the Test Method 9 is an opacity above 7 percent, report a deviation.</p> <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 10	
Control Device ID No.: C10	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See Periodic Monitoring text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>Periodic Monitoring Text: The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 11	
Control Device ID No.: C11	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See Periodic Monitoring text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>Periodic Monitoring Text: The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 444.BF2	
Control Device ID No.: 444.BF2	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 444.BF3	
Control Device ID No.: 444.BF3	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 444.BF4	
Control Device ID No.: 444.BF4	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 5-2A	
Control Device ID No.: C5-2A	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See Periodic Monitoring text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.	
<p>Periodic Monitoring Text: The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 6-1	
Control Device ID No.: 23	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Y	SOP Index No.: 60Y-1
Pollutant: PM (Opacity)	Main Standard: § 60.254(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
<p>Deviation Limit: If visible emissions (VE) are observed, report a deviation. Alternatively, determine the opacity (Test Method 9) no more than 24 hours after observing VE. If the result of the Test Method 9 is an opacity 20 percent or greater, report a deviation.</p> <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 9-6A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 115.412(1)(A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-COAL74-08	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Y	SOP Index No.: 60Y-1
Pollutant: PM (Opacity)	Main Standard: § 60.254(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: 20 percent opacity, or greater.	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-KILN3RECON	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-1
Pollutant: SO ₂	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: SO ₂ Concentration	
Minimum Frequency: Four times per hour	
Averaging Period: Hourly	
Deviation Limit: Sulfur dioxide emissions less than or equal to 440 ppmv at stack conditions (3-hour avg.) when burning liquid fuel.	
<p>Periodic Monitoring Text: Measure and record the concentration of SO₂ in the exhaust stream of the control device with a continuous emission monitoring system (CEMS). In addition, measure and record the oxygen or carbon dioxide content of the flue gas with a CEMS. The CEMS shall be operated in accordance with 40 CFR § 60.13 and the Performance Specifications of 40 CFR Part 60, Appendix B. The maximum sulfur dioxide concentration (specified in units of the underlying applicable requirement) is the corresponding sulfur dioxide limit associated with the emission limitation in the underlying applicable requirement. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-PORTHTR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-2
Pollutant: SO ₂	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Sulfur Content of Fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: N/A	
Deviation Limit: Maximum fuel sulfur content shall not exceed 13,400 ppmw (1.34 wt percent).	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel. Any monitoring data above the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-VENT1	
Control Device ID No.: C24	Control Device Type: Fabric filter
Control Device ID No.: C25	Control Device Type: Fabric filter
Control Device ID No.: C28	Control Device Type: Fabric filter
Control Device ID No.: C29	Control Device Type: Fabric filter
Control Device ID No.: C30	Control Device Type: Fabric filter
Control Device ID No.: C33	Control Device Type: Fabric filter
Control Device ID No.: C35	Control Device Type: Fabric filter
Control Device ID No.: C4	Control Device Type: Fabric filter
Control Device ID No.: C8	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
<p>Deviation Limit: If visible emissions (VE) are observed, report a deviation. Alternatively, determine the opacity, consistent with Test Method 9, no later than 24 hours after observing VE. If a Test Method 9 is performed, the opacity limit is 30 percent.</p>	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
1-42	N/A	40 CFR Part 60, Subpart IIII	Engine construction/reconstruction commenced prior to July 11, 2005.
1-46	N/A	40 CFR Part 60, Subpart IIII	Engine construction/reconstruction commenced prior to July 11, 2005.
6-11	N/A	40 CFR Part 60, Subpart Y	The trucks and front-end loaders associated with the material transfer operations are not considered coal processing equipment and thus are not affected facilities under NSPS Subpart Y requirements.
6-13	N/A	40 CFR Part 60, Subpart Y	The trucks and front-end loaders associated with the material transfer operations are not considered coal processing equipment and thus are not affected facilities under NSPS Subpart Y requirements.
6-14	N/A	40 CFR Part 60, Subpart Y	The truck dumps associated with material transfer operations do not occur at any machinery and therefore are not considered coal processing equipment and thus are not affected facilities under NSPS Y.
6-4A	N/A	40 CFR Part 60, Subpart Y	Open storage pile that was constructed after October 27, 1974 and before April 28, 2008, and is not an affected facility per 60.251(h).
6-4C	N/A	40 CFR Part 60, Subpart Y	Open storage pile that was constructed after October 27, 1974 and before April 28, 2008, and is not an affected facility per 60.251(h).
6-4D	N/A	40 CFR Part 60, Subpart Y	Open storage pile that was constructed after October 27, 1974 and before April 28, 2008, and is not an affected facility per 60.251(h).

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
7-1-1	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than or equal to 75 cubic meters, less than 151 cubic meters, and vapor pressure is less than 15 psia.
7-1-2	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than or equal to 75 cubic meters, less than 151 cubic meters, and vapor pressure is less than 15 psia.
7-1-3	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than or equal to 75 cubic meters, less than 151 cubic meters, and vapor pressure is less than 15 psia.
7-1-4	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than or equal to 75 cubic meters, less than 151 cubic meters, and vapor pressure is less than 15 psia.
7-7	N/A	40 CFR Part 60, Subpart Kb	Capacity is less than 75 cubic meters (19,800 gal).
9-10	N/A	40 CFR Part 63, Subpart Q	No chromium-based chemicals.
9-12	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity is less than 1,000 gallons.
9-12	N/A	40 CFR Part 60, Subpart Kb	Capacity is less than 75 cubic meters (19,800 gal).
9-13	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity is less than 1,000 gallons.
9-13	N/A	40 CFR Part 60, Subpart Kb	Capacity is less than 75 cubic meters (19,800 gal).
9-2	N/A	40 CFR Part 60, Subpart Kb	Capacity is less than 75 cubic meters (19,800 gal)
9-3	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing facilities, as defined in §101.1 of this title (relating to Definitions), are exempt from the requirements

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
			of this division.
9-3	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity is less than 25,000 gallons.
9-3	N/A	40 CFR Part 60, Subpart Kb	Capacity is less than 75 cubic meters (19,800 gal)
9-5	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity is less than 1,000 gallons.
9-5	N/A	40 CFR Part 60, Subpart Kb	Capacity is less than 75 cubic meters (19,800 gal).
9-7	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity is less than 1,000 gallons.
9-7	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 cubic meters (19,800 gal).
9-8	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity is less than 1,000 gallons.
9-8	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 cubic meters (19,800 gal).
9-9	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity is less than 1,000 gallons.
9-9	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 cubic meters (19,800 gal).

New Source Review Authorization References

New Source Review Authorization References	100
New Source Review Authorization References by Emission Unit	101

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.: 1	Issuance Date: 04/09/2025
Authorization No.: 140713	Issuance Date: 06/29/2016
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 51	Version No./Date: 04/05/1995
Number: 53	Version No./Date: 09/12/1989
Number: 53	Version No./Date: 10/04/1995
Number: 91	Version No./Date: 10/04/1995
Number: 106.144	Version No./Date: 09/04/2000
Number: 106.146	Version No./Date: 09/04/2000
Number: 106.181	Version No./Date: 11/01/2001
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.231	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.265	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: 106.393	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 106.532	Version No./Date: 09/04/2000
Number: 106.533	Version No./Date: 09/04/2000
Number: 107	Version No./Date: 04/05/1995

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**
1-10	SLAG HOPPER	1
1-11A	TRANSFER TO SLAG BELT 1	1
1-11B	TRANSFER TO SLAG ELEV.	1
1-12	SLAG SYSTEM BH VENT	1
1-16	SLAG SILO 3	1
1-16A1	TRANSFER SILO TO WEIGH CONVEYOR	1
1-16A2	SLAG/MILL SCALE SILO 3 WEIGH BELT - DRAG CONV TP	1
1-18	NO. 1 QUARRY BELT TRANSFER POINT	1
1-19	LIMESTONE DAY TANK	1
1-20	NO. 1 RAW MILL LIMESTONE BELT TRANSFER POINT	1
1-21	NO. 1 RAW MILL CONVEYOR TRANSFER POINT	1
1-22	NO.2 RAW MILL LIMESTONE BELT TRANSFER POINT	1
1-23	NO.2 RAW MILL CONVEYOR TRANSFER POINT	1
1-24	STAMLER FEEDER	1
1-25	ROLL CRUSHER	1
1-25C	NO. 6 QUARRY BELT TRANSFER POINT TO ROLL CRUSHER	1
1-27	LIMESTONE TRANSFER ONTO INSIDE LS STORAGE PILE	1
1-28	LIMESTONE FEED HOPPER/ INLINE CONVEYOR	1
1-29	LIMESTONE BIN	1
1-2C	NO. 2 QUARRY BELT TRANSFER POINT	1
1-2F	NO. 6 QUARRY BELT TRANSFER POINT	1

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**
1-30	T.P. LIMESTONE TO FM COLLECTION BELT 1	1
1-31	T.P. LIMESTONE TO FM COLLECTION BELT 2	1
1-32	CLINKER RECLAIM TRANSFER POINT	1
1-33	IRON SOURCE STOCKPILE	1
1-41	QUARRY DIESEL TANK	106.472/09/04/2000
1-42	QUARRY FIREFIGHTING PUMP ENGINE	106.511/09/04/2000
1-46	FIREFIGHTING/BACKUP WATER CIRCULATION PUMP ENGINE	106.511/09/04/2000
1-48	QUARRY DIESEL PUMP ENGINE	106.512/06/13/2001
1-6C	T.P. GYPSUM CONVEYOR DUST COLLECTOR	1
1-6D	T.P. CONV. TO SILO 2 DUST COLLECTOR	1
1-9A	SLAG TRUCK UNLOADING	1
1-9B	SLAG STOCKPILE	1
10	CEMENT STORAGE SILO 1 BAGHOUSE STACK	1
11	CEMENT STORAGE SILO 2 BAGHOUSE STACK	1
2-10	CKD SILO 3 TRUCK SPOUT DUST COLL	106.144/09/04/2000
2-11	CKD SILO 3 PUG MILL LOAD OUT T.P.	106.146/09/04/2000
2-6A	CKD PUG MILL	1
2-6B	FUG. FROM PUG MILL OUTPUT	1
2-9	CKD SILO 3 AND PUG MILL DUST COLL	106.144/09/04/2000, 106.146/09/04/2000
24	CEMENT LOADING (RAIL) BAGHOUSE STACK	1
25	CEMENT LOADING (TRUCK) BAGHOUSE STACK	1

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**
27	CLINKER STACKER DUST COLL.	1
28	CLINKER FEEDER DUST COLLECTOR	1
3-10	OUTSIDE CLINKER STORAGE PILE	1
3-14	CLINKER RECLAIM HOPPER 3	1
3-15	CLINKER RECLAIM DUST COLL.	1
30	CLINKER FEEDER DUST COLLECTOR	1
32	CKD TANK 1 BAGHOUSE STACK	1
33	CKD TANK 2 BAGHOUSE STACK	1
35	CEMENT LOADING (SPECIAL) BAGHOUSE STACK	1
4	NO. 1 CLINKER ELEVATOR 1, SILOS 1 & 2 BH STACK	1
4-5	TP FROM GYPSUM WEIGH CONVEYOR 1 (& BH)	1
4-6	TP FROM GYPSUM WEIGH CONVEYOR 3 (& BH)	1
442.DR1	NO. 3 CEMENT KILN DRYER CRUSHER	1
443.AS1	PNEUMATIC CKD CONVEYOR TO CKD BIN TP (& BH)	1
443.BE1	CKD BUCKET ELEVATOR TO CKD BIN TP (& BH)	1
443.BN3	CKD BIN TO PNEUMATIC CKD CONVEYOR TP (& BH)	1
443.SK1	RECONSTRUCTED NO. 3 CEMENT KILN STACK	1
444.BF2	SOLID FUEL MATERIAL HANDLING DUST COLLECTOR #1	1
444.BF2.TS	SOLID FUEL MATERIAL HANDLING TRANSPORT SYSTEM #1	1
444.BF3	SOLID FUEL MATERIAL HANDLING DUST COLLECTOR #2	1
444.BF3.TS	SOLID FUEL MATERIAL HANDLING TRANSPORT SYSTEM #2	1

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**
444.BF4	SCREENING STATION DUST COLLECTOR BAGHOUSE STACK	1
444.CI1	NO. 3 CEMENT KILN PRECALCINER	1
444.CN1	NO. 3 CEMENT KILN PREHEATER CYCLONE	1
444.CN2	NO. 3 CEMENT KILN PRECALCINER CYCLONE	1
444.DC2	SLAG/MILL SCALE DRAG CONVEYOR TO KILN RISER TP	1
446.EG1	EMERGENCY DIESEL GENERATOR	1
446.KD1	RECONSTRUCTED NO. 3 CEMENT KILN	1
447.CH1	CLK COOLER TO CLK COOLER BELT 449.DB1 TP (& BH)	1
449.CH1	CLK COOL BLT 449.DB1 TO CLK ELEV BLT 1 TP (& BH)	1
449.CH2	CLK COOL BLT 449.DB1 TO CLK ELEV BLT 2 TP (& BH)	1
44B.BC1	SOLID FUEL DAY TNK CNV TPS TO SOLID FUEL BLT BC050	1
44B.BC2	SOLID FUEL BLT BC050 TO SOLID FUEL BLT BC080 TP	1
44B.BN1	PULVERIZED FUEL BIN A VENT	1
44B.BN2	PULVERIZED FUEL BIN B VENT	1
44B.DG1	SOLID FUEL BLT CONV BC080 TO SOLID FUEL MILL TP	1
44B.MR1	SOLID FUEL MILL	1
44B.SK1	SOLID FUEL MILL STACK	1
5-2A	CEMENT STORAGE SILOS 3	1
5-6	CEMENT RAILCAR UNLOADING	1
5-C	MILL SWEEP 2	1
5-M	MILL SWEEP 1	1

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**
6-1	SOLID FUEL RAIL CAR UNLOADING	1
6-10A	SOLID FUEL DAY TANK TO SOLID FUEL MILL CONVEYOR A	1
6-10B	SOLID FUEL DAY TANK TO SOLID FUEL MILL CONVEYOR B	1
6-10C	SOLID FUEL DAY TANK TO SOLID FUEL MILL CONVEYOR C	1
6-11	RESERVE SOLID FUEL TRANSFER POINT (MAIN STOCKPILE)	1
6-13	RESERVE SOLID FUEL RECLAIM. TP (RESERVE STOCKPILE)	1
6-14	RESERVE SOLID FUEL RECLAIM. TP (MAIN STOCKPILE)	1
6-2	COAL UNLOADING CONVEYOR BELT	1
6-3	SOLID FUEL STACKER CONV.	1
6-4A	SOLID FUEL STORAGE AREA TRUCK UNLOADING	1
6-4C	SOLID FUEL DROP FROM FRONT END LOADER TO STOCKPILE	1
6-4D	SOLID FUEL STACKERPILE MOVEMENT	1
6-5A	COKE RECLAIM HOPPER	1
6-5B	COAL RECLAIM HOPPER	1
6-6-1	COKE RECLAIM CONVEYOR	1
6-6-2	COAL RECLAIM CONVEYOR	1
6-6A	SOLID FUEL CRUSHER CONVEYOR	1
6-7	SOLID FUEL CRUSHER	1
6-8	COAL/COKE DAY TANK CONVEYOR BELT	1
6-9	SOLID FUEL DAY TANK	1
601.AS3-6	CEMENT SILO XFER SYSTEM AIR SLIDES TPS (&BH)	1

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**
601.BE1	TP FROM CEMENT SILO XFER SYSTEM BUCKET ELEV (&BH)	1
601.SC1	TPS TO/FR CEMENT RAILCAR GATHER SCREW CONV 1 (&BH)	1
601.SC2	TP FROM CEMENT RAILCAR UNLOAD SCREW CONV 2 (&BH)	1
601.SC3	TP FROM CEMENT RAILCAR UNLOAD SCREW CONV 3 (&BH)	1
601.SC4	TPS TO/FR CEMENT SILO XFER SYS SCREW CONV 4 (&BH)	1
601.SC5	TP FROM CEMENT SILO XFER SYSTEM SCREW CONV 5 (&BH)	1
7-1-1	BULK SNCR REAGENT TANK	1, 51/04/05/1995
7-1-2	WOF TANK 2	51/04/05/1995
7-1-3	BULK SNCR REAGENT TANK	1
7-1-4	WOF TANK 4	51/04/05/1995
7-4	UNLOADING PIPING - SNCR	1
7-7	SNCR DAY TANK	1
8	CLINKER ELEVATOR 2, SILOS 21 & 22 BH STACK	1
9-10	COOLING TOWER	106.371/09/04/2000
9-12	USED OIL STORAGE TANK- QUARRY SHOP	106.472/09/04/2000
9-13	ENGINE OIL STORAGE TANK	106.472/09/04/2000
9-14	PORTABLE HEATER	106.181/11/01/2001
9-15	PORTABLE HEATER	106.181/11/01/2001
9-16	PORTABLE HEATER	106.181/11/01/2001
9-17	PORTABLE HEATER	106.181/11/01/2001
9-18	PORTABLE HEATER	106.181/11/01/2001

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**
9-19	PORTABLE HEATER	106.183/09/04/2000
9-2	DIESEL FUEL TANK	53/10/04/1995
9-20	PORTABLE HEATER	106.183/09/04/2000
9-21	PORTABLE HEATER	106.183/09/04/2000
9-22	PORTABLE HEATER	106.183/09/04/2000
9-23	PORTABLE HEATER	106.183/09/04/2000
9-24	PORTABLE HEATER	106.183/09/04/2000
9-25	PORTABLE HEATER	106.183/09/04/2000
9-26	PORTABLE HEATER	106.183/09/04/2000
9-27	PORTABLE HEATER	106.183/09/04/2000
9-28	PORTABLE HEATER	106.183/09/04/2000
9-29	PORTABLE HEATER	106.183/09/04/2000
9-3	GASOLINE STORAGE TANK	53/09/12/1989
9-30	PORTABLE HEATER	106.183/09/04/2000
9-5	WASTE OIL STORAGE TANK	51/04/05/1995
9-6A	COLD SOLVENT CLEANER- PLANT MAINTENANCE SHOP	107/04/05/1995
9-6B	REMOTE RESERVOIR CLEANER - TRUCK MAINT SHOP	107/04/05/1995 [30264]
9-7	LUBE OIL TANK 1	51/04/05/1995
9-8	LUBE OIL TANK 2	51/04/05/1995
9-9	OIL WATER STORAGE TANK	106.472/09/04/2000
9-C	CLASSIFIER SEPERATOR 2	1

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**
9-M	CLASSIFIER SEPERATOR 1	1
F-CSB	T.P. HOPPER 3 TO CONV. 6	1
F-MB1-A	NO. 1&2 RAW MILL CONVEYOR T.P. INSIDE MAIN BLDG.	1

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

Alternative Requirement

Alternative Requirement..... 110

Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*



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malone

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Protecting Texas by Reducing and Preventing Pollution

June 1, 2010

MR KEVIN BLANKENSHIP
PLANT MANAGER
ASH GROVE TEXAS LP
PO BOX 520
MIDLOTHIAN TX 76065-0500

Re: Permit Alteration
Permit Number: 1
Alternative Case Specific Specifications
Midlothian, Ellis County
Regulated Entity Number: RN100225978
Customer Reference Number: CN600132161
Account Number: ED-0034-O

Dear Mr. Blankenship:

This is in response to your letter received May 1, 2009, requesting alteration of the conditions of the above-referenced permit. We understand that you requested an alternative case specific specification of your ammonia emission limit pursuant to Title 30 Texas Administrative Code §117.3125 (30 TAC § 117.3125).

As indicated in 30 TAC § 116.116(c), and based on our review, Permit Number 1 is altered. Enclosed are the altered permit conditions to replace those currently attached to your permit. Please attach these to your permit.

No planned maintenance, startup, and shutdown emissions have been reviewed or represented in this application and none are authorized by this permit.

As of July 1, 2008, all analytical data generated by a mobile or stationary laboratory in support of compliance with air permits must be obtained from a NELAC (National Environmental Laboratory Accreditation Conference) accredited laboratory under the Texas Laboratory Accreditation Program or meet one of several exemptions. Specific information concerning which laboratories must be accredited and which are exempt may be found in 30 TAC § 25.4 and § 25.6.

Mr. Kevin Blankenship

Page 2

June 1, 2010

Re: Permit Number 1

For additional information regarding the laboratory accreditation program and a list of accredited laboratories and their fields of accreditation, please see the following Web site:

http://www.tceq.state.tx.us/compliance/compliance_support/qa/env_lab_accreditation.html

For questions regarding the accreditation program, you may contact the Texas Laboratory Accreditation Program at (512) 239-3754 or by e-mail at labprgms@tceq.state.tx.us.

Your cooperation in this matter is appreciated. If you need further information or have any questions, please contact Ms. Bridget Malone at (512) 239-4286 or write to the Texas Commission on Environmental Quality, Office of Permitting and Registration, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality.

Sincerely,



Steve Hagle, P.E., Director
Air Permits Division
Office of Permitting and Registration
Texas Commission on Environmental Quality

SH/BM/kp

Enclosure

cc: Air Section Manager, Region 4 - Fort Worth

Project Number: 146581

SPECIAL CONDITIONS

Permit Number 1

EMISSION LIMITATIONS

1. This permit covers only those sources of emissions listed in the attached table, entitled Emission Sources - Maximum Allowable Emission Rates, and those sources are limited to the emission limits and other conditions specified in that attached table.
2. Each kiln shall have an individual maximum allowable sulfur dioxide (SO₂) emission rate of 1,131 pounds per hour (lb/hr). Additionally, all three kilns in aggregate shall operate under a total combined SO₂ emission rate of 2,100 lb/hr.

Records demonstrating compliance with this condition shall be kept accordingly and, upon request, made immediately available to representatives of the Texas Commission on Environmental Quality (TCEQ) or any local air pollution program having jurisdiction.

3. Kiln No. 3 [Emission Point No. (EPN) 12] and Clinker Cooler Stack No. 3 (EPN 13) shall comply with all requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources promulgated for Portland Cement Plants in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subparts A and F.

Coal handling facilities shall comply with all requirements of the EPA regulations on Standards of Performance for New Stationary Sources promulgated for Coal Preparation Plants in 40 CFR Part 60, Subparts A and Y.

The requirements of Title 30 Texas Administrative Code § 113.690 (30 TAC § 113.690), including the referenced requirements contained in 40 CFR Part 63, Subpart LLL, the Portland Cement Manufacturing Maximum Achievable Control Technology Standards are applicable. As an existing area source, the 40 CFR Part 63, Subpart LLL requirements only apply to the Kilns (Facility Identification Nos. [FINS] 2-1, 2-2, 2-3). **(5/04)**

Limestone and shale handling/processing facilities as applicable shall comply with all requirements of the EPA regulations on Standards of Performance for New Stationary Sources promulgated for Nonmetallic Mineral Processing Plants in 40 CFR Part 60, Subparts A and OOO. **(5/04)**

Ammonia emissions from the kiln stacks shall not exceed a limit of 35 parts per million by volume (ppmv) at 7.0 percent oxygen, dry basis, on a 24-hour rolling average basis. **(6/10)**

SPECIAL CONDITIONS

Permit Number 1

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OPACITY/VISIBLE EMISSION LIMITATIONS

4. Except for those periods described in 30 TAC §§ 101.201 and 101.211, no visible emissions, when adjusted for uncombined water vapor, shall leave the plant property as determined by Method 22 for a three-minute period out of any 30-minute period. If this condition is violated, further controls shall be installed and/or implemented as required to limit visible emissions.
5. Opacity of emissions from EPNs 1-2A, 1-2B, 1-2C, 1-2F, 1-6C, 1-6D, 1-12, 1-18, 1-19, 1-21, 1-23, 1-25, 4, 5, 8, 9, 10, 11, 23, 24, 25, 27, 28, 29, 30, 32, 33, 35, 3-15, and 5-2A shall not exceed 5 percent averaged over a six-minute period, and according to EPA Test Method 9 or equivalent. **(5/04)**

FUEL SPECIFICATIONS

6. Fuel fired in each kiln shall be limited to coal, coke, new or used oil, wood chips, tire-derived fuel (TDF), and natural gas under this permit. **(10/01)**
7. Firing of TDF is limited to a maximum of 35 percent of total Btu requirements per kiln.
8. Upon request by the Executive Director of the TCEQ or the TCEQ Regional Director or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuels utilized in these facilities or shall allow air pollution control program representatives to obtain a sample for analysis.
9. The on-site oil storage tanks are authorized to store used oil meeting the requirements of 40 CFR Part 279, Standards for the Management of Used Oil.

OPERATIONAL LIMITATIONS, WORK PRACTICES, AND PLANT DESIGN

10. Emissions from transfers into Gypsum Silos 1 and 2 and transfer from Gypsum Conveyor 1 to Gypsum Conveyor 2 (FINs 4-3 and 4-4), transfers into Clinker Kiln Dust Tanks 1 and 2 (FINs 2-4 and 2-5); transfers into Clinker Silos 1, 2, 21, and 22 (FINs 3-4F, 3-4G, 3-5, and 3-6); transfers onto Clinker Belts 1 and 2 (FINs 3-7 and 3-8); Finish Mills 1 and 2 (FINs Rail, Truck, and Special Loading Operations (FINs 5-3, 5-4, and 5-5); the New Crusher (FIN 1-25) transfers to and from Quarry Belts 3, 4, 5, 6, and 7 (FINs 1-2A, 1-2B, 1-2C, 1-2D, and 1-2E); transfers to and from Quarry Fixed Conveyor 3 (FIN 1-26); transfers into the Limestone Day Tank (FIN 1-19); transfers to and from Quarry Conveyor 1 (FIN 1-18); transfers to Limestone Belts 2 and 3 (FINs 1-21 and 1-23); transfers from Gypsum Weigh Conveyor No. 2 (FIN 4-6); transfers to and from the Clinker Stacker (FIN 5-6); transfers into Slag Silos 1, 2, and 3 (FINs 1-14, 1-15, and 1-16); Slag Conveyor 2 (FIN 1-13); and transfers

SPECIAL CONDITIONS

Permit Number 1

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from the Slag Elevator (FIN 1-12) shall be collected and exhausted through a fabric filter. (3/07)

11. Outdoor stockpiles (i.e., gypsum, clinker, coal, sand, and mill scale and the cement kiln dust (CKD) disposal area) shall be sprinkled with water as necessary to control fugitive dust emissions. (5/04)
12. Emission Sources (EPNs 1-4A, 1-5A, 1-6A, 2-7A, and 2-7B) shall employ wet material and reduced drop as represented in the permit application to reduce fugitive dust emissions. (5/04)
13. Emission Sources (FINs 1-6A, 3-4D, and 3-4E) shall be enclosed as represented in the permit application to reduce fugitive dust emissions. (5/04)
14. Transfer of CKD from storage silos to the Pugmill (FIN 2-6) shall be through an enclosed conveyor. Also, the transfer to the pugmill shall be enclosed. (5/04)
15. Emission Sources (FINs 1-6B, 1-7A, 1-7B, 1-7C, 1-7D, 1-7E, 3-4A, 3-4B, 3-4C, 3-7, 3-8, 4-3, 4-4, and 4-5) shall employ partial enclosure as represented in the permit application to reduce fugitive dust emissions. (3/07)
16. The following operations are conducted by the indicated standard exemption or permit by rule:

<u>Operation</u>	<u>Authorization</u>
Fuel Oil Truck Unloading (EPN 18)	Standard Exemption No. 51 dated July 15, 1988
Waste Oil Fuel Tank Nos. 1 through 4 (EPN 36), Storage Tank Piping (EPN 7-1),	Standard Exemption No. 51 dated October 4, 1995
Unloading Piping (EPN 7-2) and Kiln Transfer Piping (EPN 7-3)	Standard Exemption No. 51 dated October 4, 1995
Line Heater (EPN 15)	Standard Exemption No. 7 dated April 25, 1986

(5/04)

17. Paved plant roads shall be swept or washed and unpaved roads shall be sprinkled with water and/or environmentally sensitive dust suppressant chemicals as necessary to control dust emissions. (5/04)

SPECIAL CONDITIONS

Permit Number 1

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18. All hoods, ducts, and collection systems shall be effective in preventing fugitive emissions. When compliance with this condition is required to be tested, compliance shall be determined by the EPA Reference Method 22 with no visible emissions persisting for more than one six-minute period in a half-hour. (5/04)

INITIAL DETERMINATION OF COMPLIANCE

19. At the discretion of the Executive Director of the TCEQ or the TCEQ Regional Director, the holder of this permit shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the cement kilns. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense.
- A. The appropriate TCEQ Regional Office in the region where the source is located shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting.

The notice shall include:

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

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

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

Requests to waive testing for any pollutant specified in B of this condition shall be submitted to the TCEQ Office of Permitting and Registration, Air Permits Division. Test waivers and alternate or equivalent procedure proposals for New Source Performance Standards (NSPS) testing which must have EPA approval shall be submitted to the TCEQ Air Permits Division.

SPECIAL CONDITIONS

Permit Number 1

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- B. Air contaminants emitted from the kilns to be tested for include (but are not limited to) particulate matter, nitrogen oxide (NO_x), carbon monoxide (CO), volatile organic compounds, and SO₂.
- C. Sampling shall occur at such times as may be required by the Executive Director of the TCEQ or TCEQ Regional Director. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires EPA approval, and requests shall be submitted to the TCEQ Air Permits Division.
- D. The plant shall operate at maximum production rates during stack emission testing. Primary operating parameters that enable determination of production rate shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the plant is unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing. Additional stack testing may be required when higher production rates (greater than 10 percent of wet slurry feed rate) are achieved.
- E. Two copies of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the TCEQ Fort Worth Regional Office.

One copy to the TCEQ Austin Office of Permitting and Registration, Air Permits Division.

CONTINUOUS DETERMINATION OF COMPLIANCE

- 20. The holder of this permit shall install, calibrate, and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity of the No. 3 Clinker Cooler Stack (EPN 13) and each kiln stack, and a continuous emission monitoring system (CEMS) to measure and record the in-stack concentration of NO_x, CO, SO₂, and oxygen from each kiln. Additionally, the holder of this permit shall install, calibrate, and maintain a continuous flow rate sensor to measure and record the exhaust flow rate in the stack. **(12/04)**
 - A. Each CEMS and COMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specifications No. 1 through 4, 40 CFR Part 60, Appendix B. If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, contact the TCEQ Office of Permitting and Registration, Air Permits Division in Austin for requirements to be met. **(12/04)**

SPECIAL CONDITIONS

Permit Number 1

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- B. The flow rate sensor shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in Performance Specification No. 6, 40 CFR 60, Appendix B. **(12/04)**
- C. The SO₂, NO_x, and CO CEMS and the continuous flow rate sensor shall be used as a continuous emission rate monitoring system for SO₂, NO_x, and CO. **(12/04)**
- D. Each system shall be zeroed and spanned daily and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in 40 CFR Part 60, Appendix B, or as specified by the TCEQ if not specified in Appendix B. Zero and span are not required on weekends and plant holidays if instrument technicians are not normally scheduled on those days, unless the monitor is required by a subpart of NSPS or National Emission Standards for Hazardous Air Pollutants, in which case zero and span shall be done daily without exception.

Each monitor shall be quality-assured at least quarterly in accordance with the appropriate audit specified in 40 CFR Part 60, Appendix F, Procedure 1, § 5.1. An equivalent quality-assurance method approved by the TCEQ may also be used. Successive quarterly audits shall occur no closer than two months.

Cylinder gas audits of CEMS with exceedances of 15 percent accuracy shall be reported to the TCEQ Regional Director, and necessary corrective action shall be taken. The TCEQ Regional Director shall be notified as soon as possible after the discovery of any CEMS malfunction which is expected to result in more than 24 hours of lost data. At the discretion of the TCEQ Regional Director, the permit holder may be required to take supplemental stack concentration measurements. **(12/04)**

- E. The monitoring data shall be reduced to hourly average concentrations at least once everyday, using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emission rate in lb/hr at least once every week.
- F. All monitoring data and quality-assurance data shall be maintained by the source for a period of two years and shall be made available to the Executive Director of the TCEQ or designated representative upon request. The data from the CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.

SPECIAL CONDITIONS

Permit Number 1

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- G. For NSPS sources subject to Appendix F, the appropriate TCEQ Regional Office shall be notified at least 30 days prior to each annual relative accuracy testing audit in order to provide them the opportunity to observe the testing.

REPORTING REQUIREMENTS

21. The holder of this permit shall submit quarterly NO_x, SO₂, and CO CEMS reports (one copy) to the TCEQ Regional Office; however, submission of opacity data is not required. In addition to hard copies, all CEMS reports shall be submitted on disk in ASCII comma-delimited format or another format acceptable to the TCEQ Regional Director. All reports shall be postmarked by the 30th day following the end of each calendar quarter and shall include the following information for each monitor: **(12/04)**
- A. The date and duration of time from the commencement to the completion of an event which resulted in excess stack emissions.
 - B. The date and time of the commencement and completion of each specific time period of excess stack emissions within that event.
 - C. The total time duration of excess stack emissions.
 - D. The magnitude of the excess stack emissions including the highest and average (hourly) emission rate(s). For the purposes of this quarterly CEMS report, all excess stack emissions shall be converted into the units of the permit with conversion factors and equations included.
 - E. The nature and cause of any malfunction resulting in excess emissions and the corrective action taken and/or preventative measures adopted.
 - F. The date and time identifying each period during which a CEMS was inoperative, except for zero span checks, and the nature of the system repairs and/or adjustments which occurred during the downtime.
 - G. When no excess emissions have occurred or the respective CEMS has not been inoperative or repaired, such information shall be stated in the report.
 - H. The total tons of NO_x, SO₂, and CO emitted during the quarter and the total hours of kiln operation.
 - I. The reporting of excess emissions required by this condition does not relieve the holder of

SPECIAL CONDITIONS

Permit Number 1

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this permit from notification requirements of emission events as required by 30 TAC § 101.201 or notification of scheduled maintenance, start-up, and shutdown as required by 30 TAC § 101.211.

- J. Written records of all test results from quarterly gas audits.
- 22. For the purposes of reporting pursuant to Special Condition No. 21, non-complying emissions are defined as NO_x, SO₂, and CO emissions which occur during an hourly average period where the emissions of these pollutants, as measured and recorded by the CEMS, exceed the emissions limitations of the maximum allowable emission rates table (MAERT).

MISCELLANEOUS

- 23. The holder of this permit shall physically identify (minimum 3" letters/numbers) and mark in a conspicuous location all equipment that has the potential of emitting air contaminants as follows within 90 days of the approval of these revised conditions:
 - A. The FINs as submitted to the Emissions Inventory Section of the TCEQ.
 - B. The EPNs as listed on the MAERT.
- 24. A copy of this permit shall be kept at the plant site and made available at the request of personnel from the TCEQ or any local air pollution control agency.

COMPLIANCE ASSURANCE MONITORING

- 25. The permit holder will measure and record the pressure drop for the fabric filter baghouses on EPNs 3, 7, 5, 9, 10, 11, and 5-2A. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:

± 0.5 inch water gauge pressure (± 125 pascals); or
 ± 0.5 percent of span

The pressure drop will be measured and recorded once per day that the baghouse is in operation.

SPECIAL CONDITIONS

Permit Number 1

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For EPNs 10, 11, and 5-2A, a minimum pressure drop of less than 0.5 inch water gauge pressure and a maximum pressure drop of greater than 6.5 inches water gauge pressure shall be considered and reported as a deviation.

For EPNs 5 and 9, a minimum pressure drop of less than 3 inches water gauge pressure and a maximum pressure drop of greater than 10 inches water gauge pressure shall be considered and reported as a deviation.

For EPNs 3 and 7, a minimum pressure drop of less than 1 inch water gauge pressure and a maximum pressure drop of greater than 7 inches water gauge pressure shall be considered and reported as a deviation.

The required monitoring equipment shall be installed, tested, and be operational by the issuance of the first renewed Federal Operating Permit No. O1054. **(12/06)**

PERIODIC MONITORING

26. The permit holder will measure and record the pressure drop for the Fabric Filter Baghouses on EPNs 1-2A, 1-2B, 1-2C, 1-2F, 1-6C, 1-6D, 1-12, 1-18, 1-19, 1-21, 1-23, 1-25, 4, 8, 23, 24, 25, 27, 28, 29, 30, 32, 33, 35, and 3-15. The monitoring instrumentation shall be calibrated, maintained, and operated in accordance with manufacturer's specifications or other written procedures.

The pressure drop will be measured and recorded once per week that the baghouse is in operation. A minimum pressure drop of less than 0.5 inch water gauge pressure and a maximum pressure drop of greater than 6.5 inches water gauge pressure shall be considered and reported as a deviation.

The required monitoring equipment shall be installed, tested, and be operational by the issuance of the first renewed Federal Operating Permit No. O1054. **(12/06)**

RECORDKEEPING REQUIREMENTS

27. The following records shall be kept on-site for a 24-month period and made available for inspection by the TCEQ and local air pollution control programs with jurisdiction:
- A. Hourly and annual Stamler Feeder (FIN 1-24) raw material throughput.
 - B. Hourly and annual Outside Hopper (FIN 1-6) throughput.

SPECIAL CONDITIONS

Permit Number 1

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- C. Hourly and annual Hammer Mill/Coal Crusher (FIN 6-7) throughput.
- D. Hourly and annual Kiln 1, 2, and 3 (FINs 2-1, 2-2, and 2-3) clinker throughput.

The hourly stamler feeder throughput shall be calculated from records of the material throughput and hours of operation for the calendar month and recorded by the 15th day of the month following the month to which the records pertain. A rolling 12-month total throughput for the stamler feeder shall be based on monthly throughput records and recorded by the 15th day of the month following the month to which the records pertain.

The hourly outside hopper and hammer mill/coal crusher throughput shall be calculated and recorded at least once per calendar year from measurements of the time required to move a known quantity of material through these facilities. A rolling 12-month total throughput for the outside hopper and hammer mill/coal crusher shall be based on monthly throughput records and recorded by the 15th day of the month following the month to which the records pertain.

The hourly Kiln 1, 2, and 3 clinker throughputs shall be calculated from daily records of clinker throughputs and hours of operation for Kilns 1, 2, and 3 (FINs 2-1, 2-2, and 2-3). A rolling 12-month total clinker throughput for Kilns 1, 2, and 3 (FINs 2-1, 2-2, and 2-3) shall be based on monthly throughput records and recorded by the 15th day of the month following the month to which the records pertain. (5/04)

- E. Records of daily baghouse pressure drop measurements for the EPNs required by Compliance Assurance Monitoring required in Special Condition No. 25. (12/06)
- F. Records of weekly baghouse pressure drop measurements for the EPNs required by Periodic Monitoring required in Special Condition No. 26. (12/06)
- G. Records of calibrations for monitoring devices specified in Special Condition Nos. 25 and 26. (12/06)

Dated June 1, 2010

Appendix A

Acronym List 123

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
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