

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Martin Marietta North Texas Cement, LLC

AUTHORIZING THE OPERATION OF  
Midlothian Facility  
Cement Manufacturing

LOCATED AT  
Ellis County, Texas  
Latitude 32° 27' 47" Longitude 97° 1' 28"  
Regulated Entity Number: RN100217199

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: O1077 Issuance Date: January 18, 2023

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

Subchapter C, § 113.690 or § 113.1090, respectively, which incorporate the 40 CFR Part 63 Subparts by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
  - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
  - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
    - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
    - (ii) Title 30 TAC § 111.111(a)(1)(E)
    - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
    - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable

Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

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

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

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

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

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

(4) Compliance Certification:

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

C. For visible emissions from all other sources not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1 and 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<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. Sources, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(8)(A) are not subject to the following periodic monitoring requirements:
  - (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)



- G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
  - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
  - (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
  - (iii) Title 30 TAC § 111.209 (relating to Exception for Disposal Fires)
  - (iv) Title 30 TAC § 111.211 (relating to Exception for Prescribed Burn)
  - (v) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
  - (vi) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling 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)
- 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 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)
7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
8. 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**

9. 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. 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.

10. 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**

11. 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 May 15, 2025 in the application for project 36096), 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
12. 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.
13. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of

operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **Compliance Requirements**

14. 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.
15. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
  - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
    - (i) For sources in the Dallas-Fort Worth Eight-Hour Nonattainment area, 30 TAC § 117.9030
  - B. The permit holder shall comply with the Initial Control Plan unit identification requirements in 30 TAC § 117.450(a) and (a)(1)-(7).
  - C. The permit holder shall comply with the requirements of 30 TAC § 117.452 for Final Control Plan Procedures for Reasonably Available Control Technology (RACT) and 30 TAC § 117.456 for Revision of Final Control Plan.
  - D. The permit holder shall comply with the requirements of 30 TAC § 117.454 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.456 for Revision of Final Control Plan.
  - E. The permit holder shall comply with the requirement in 30 TAC § 117.450(b) for identification of exempt units in the Initial Control Plan.
  - F. The permit holder shall comply with the compliance schedule as required in 30 TAC § 117.9320 for cement kilns.
16. 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)
17. 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**

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

- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
- B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.
- C. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

#### **Permit Location**

- 19. 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)**

- 20. 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
ALTF-BH1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
ALTF-BH1	MINERAL PROCESSING PLANT	N/A	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
ALTF-BH1	MINERAL PROCESSING PLANT	N/A	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
ALTF-BH2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
ALTF-BH2	MINERAL PROCESSING PLANT	N/A	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
ALTF-BH2	MINERAL PROCESSING PLANT	N/A	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
DE-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
DE-1	SRIC ENGINES	N/A	R117-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
DE-1	SRIC ENGINES	N/A	60III-2	40 CFR Part 60, Subpart III	No changing attributes.
DE-1	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
E1-12	MISCELLANEOUS UNITS	N/A	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E1-40	MISCELLANEOUS UNITS	N/A	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E1-41	MISCELLANEOUS UNITS	N/A	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E1-45	MISCELLANEOUS UNITS	N/A	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E2-10A	MISCELLANEOUS UNITS	N/A	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E2-22	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
E2-22	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-4	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E2-22	DRYER/KILN/OVEN	N/A	R73123-1	30 TAC Chapter 117, Cement Kilns	No changing attributes.
E2-22	MINERAL PROCESSING PLANT	N/A	60F-1	40 CFR Part 60, Subpart F	No changing attributes.
E2-22	MINERAL PROCESSING PLANT	N/A	63LLL-2	40 CFR Part 63, Subpart LLL	No changing attributes.
E2-7	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E2-7	MINERAL PROCESSING PLANT	N/A	60F	40 CFR Part 60, Subpart F	No changing attributes.
E2-7	MINERAL PROCESSING PLANT	N/A	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
E3-19	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E3-19	MINERAL PROCESSING PLANT	N/A	60F-2	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
E3-19	MINERAL PROCESSING PLANT	N/A	63LLL-FM	40 CFR Part 63, Subpart LLL	No changing attributes.
E3-21	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E3-21	MINERAL PROCESSING PLANT	N/A	60F-2	40 CFR Part 60, Subpart F	No changing attributes.
E3-21	MINERAL PROCESSING PLANT	N/A	63LLL-FM	40 CFR Part 63, Subpart LLL	No changing attributes.
E3-55	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E3-55	MINERAL PROCESSING PLANT	N/A	60F-2	40 CFR Part 60, Subpart F	No changing attributes.
E3-55	MINERAL PROCESSING PLANT	N/A	63LLL-FM	40 CFR Part 63, Subpart LLL	No changing attributes.
E4-28	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E4-28	MINERAL PROCESSING PLANT	N/A	60F	40 CFR Part 60, Subpart F	No changing attributes.
E4-28	MINERAL PROCESSING PLANT	N/A	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
E6-10	MISCELLANEOUS UNITS	N/A	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E6-10	COAL PREPARATION PLANT	N/A	60Y-3	40 CFR Part 60, Subpart Y	No changing attributes.
E6-31	EMISSION	N/A	R111-2	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	
E6-31	COAL PREPARATION PLANT	N/A	60Y-2	40 CFR Part 60, Subpart Y	No changing attributes.
E6-31	MINERAL PROCESSING PLANT	N/A	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
E7-11	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
E7-11	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E7-11	MINERAL PROCESSING PLANT	N/A	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
E7-11	MINERAL PROCESSING PLANT	N/A	63LLL-FM	40 CFR Part 63, Subpart LLL	No changing attributes.
FP-ENG	SRIC ENGINES	N/A	R117-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
FP-ENG	SRIC ENGINES	N/A	60III-3	40 CFR Part 60, Subpart III	No changing attributes.
FP-ENG	SRIC ENGINES	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-ALTM	MISCELLANEOUS UNITS	ALTM-1, ALTM-2	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP-ALTM	MINERAL PROCESSING PLANT	ALTM-1, ALTM-2	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRP-ALTM	MINERAL PROCESSING PLANT	ALTM-1, ALTM-2	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRP-ALTSF	MISCELLANEOUS UNITS	ALTF-1, ALTF-2,	R111-5	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
		ALTF-3, ALTF-4, ALTF-5, ALTF-6, ALTF-7, ALTF-8, DROPS		Emissions	
GRP-ALTSF	MINERAL PROCESSING PLANT	ALTF-1, ALTF-2, ALTF-3, ALTF-4, ALTF-5, ALTF-6, ALTF-7, ALTF-8, DROPS	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
GRP-ALTSF	MINERAL PROCESSING PLANT	ALTF-1, ALTF-2, ALTF-3, ALTF-4, ALTF-5, ALTF-6, ALTF-7, ALTF-8, DROPS	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRP-P-1	MISCELLANEOUS UNITS	BIO-P-1, CAT-P-1, CKDL-2, E1-10, E1- 10A, E1-11, E1-35, E1-36, E1-37, E1- 38, E1-7, E2-13P, E2-18P, E3-45, E3- 45A, E6-4, E6-4A, FLTC-P-1, IRN-P-1, WB-P-1, WD-P-1	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPADD	MISCELLANEOUS UNITS	E1-40A, E1-40B, E1-40C, E1-41A, E1-41B, E1-41C	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPADD	MINERAL PROCESSING PLANT	E1-40A, E1-40B, E1-40C, E1-41A, E1-41B, E1-41C	60000-3	40 CFR Part 60, Subpart OOO	No changing attributes.
GRPBELT	MISCELLANEOUS UNITS	E1-25, E1-26, E1- 28, E1-29, E1-33, E1-34	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPBELT	MINERAL PROCESSING PLANT	E1-25, E1-26, E1- 28, E1-29, E1-33, E1-34	60000-1	40 CFR Part 60, Subpart OOO	No changing attributes.
GRPCLINK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E3-3, E3-5	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPCLINK	MINERAL PROCESSING PLANT	E3-3, E3-5	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPCLINK1	MISCELLANEOUS UNITS	E3-13D, E3-52B, E3-52C, E3-52D	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPCLINK1	MINERAL PROCESSING PLANT	E3-13D, E3-52B, E3-52C, E3-52D	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
GRPCLINK1	MINERAL PROCESSING PLANT	E3-13D, E3-52B, E3-52C, E3-52D	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPCLINK2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E3-33A, E3-52A, E3-53	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPCLINK2	MINERAL PROCESSING PLANT	E3-33A, E3-52A, E3-53	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRPCLINK2	MINERAL PROCESSING PLANT	E3-33A, E3-52A, E3-53	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPCLINK3	MISCELLANEOUS UNITS	E3-33B, E3-33C, E3-33D	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPCLINK3	MINERAL PROCESSING PLANT	E3-33B, E3-33C, E3-33D	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRPCLINK3	MINERAL PROCESSING PLANT	E3-33B, E3-33C, E3-33D	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPCLKPILE	MISCELLANEOUS UNITS	E3-13, E3-13A, E3-	R111-5	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
		13E		Emissions	
GRPCLKPILE	MINERAL PROCESSING PLANT	E3-13, E3-13A, E3- 13E	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPCOAL2	MISCELLANEOUS UNITS	E6-1, E6-15, E6-18, E6-2, E6-9	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPCOAL2	COAL PREPARATION PLANT	E6-1, E6-15, E6-18, E6-2, E6-9	60Y-1	40 CFR Part 60, Subpart Y	No changing attributes.
GRPCOAL3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E6-27, E6-28	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPCOAL3	COAL PREPARATION PLANT	E6-27, E6-28	60Y-2	40 CFR Part 60, Subpart Y	No changing attributes.
GRPCRSHR	MISCELLANEOUS UNITS	E1-24, E1-27	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPCRSHR	MINERAL PROCESSING PLANT	E1-24, E1-27	60OOO-2	40 CFR Part 60, Subpart OOO	No changing attributes.
GRPFM7BH	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E3-24A, E3-33E, E3-58, E3-61, E3- 62, E7-02, E7-02A, E7-09, E7-09A, E7- 10, E7-10A, E7-12, E7-13	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFM7BH	MINERAL PROCESSING PLANT	E3-24A, E3-33E, E3-58, E3-61, E3- 62, E7-02, E7-02A, E7-09, E7-09A, E7- 10, E7-10A, E7-12, E7-13	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
GRPFM7BH	MINERAL PROCESSING	E3-24A, E3-33E,	63LLL	40 CFR Part 63, Subpart	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PLANT	E3-58, E3-61, E3-62, E7-02, E7-02A, E7-09, E7-09A, E7-10, E7-10A, E7-12, E7-13		LLL	
GRPFM7CL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E7-04, E7-05	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFM7CL	MINERAL PROCESSING PLANT	E7-04, E7-05	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
GRPFM7CL	MINERAL PROCESSING PLANT	E7-04, E7-05	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFM7DROP	MISCELLANEOUS UNITS	E7-01, E7-01A, SYNGYP7-DROP	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFM7DROP	MINERAL PROCESSING PLANT	E7-01, E7-01A, SYNGYP7-DROP	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
GRPFM7DROP	MINERAL PROCESSING PLANT	E7-01, E7-01A, SYNGYP7-DROP	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFM7FNST	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E7-15, E7-16, E7-17	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFM7FNST	MINERAL PROCESSING PLANT	E7-15, E7-16, E7-17	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
GRPFM7FNST	MINERAL PROCESSING PLANT	E7-15, E7-16, E7-17	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFM7LOAD	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E7-18, E7-19, E7-20, E7-21, E7-22, E7-23	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFM7LOAD	MINERAL PROCESSING	E7-18, E7-19, E7-	60F-3	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	20, E7-21, E7-22, E7-23			
GRPFM7LOAD	MINERAL PROCESSING PLANT	E7-18, E7-19, E7- 20, E7-21, E7-22, E7-23	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFM7PILE	MISCELLANEOUS UNITS	E7-24, SYNGYP7- PILE	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFM7RAW	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E7-05A, E7-05B, E7-05C, E7-06, E7- 07, E7-07A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFM7RAW	MINERAL PROCESSING PLANT	E7-05A, E7-05B, E7-05C, E7-06, E7- 07, E7-07A	60F-3	40 CFR Part 60, Subpart F	No changing attributes.
GRPFM7RAW	MINERAL PROCESSING PLANT	E7-05A, E7-05B, E7-05C, E7-06, E7- 07, E7-07A	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFNHANDL	MISCELLANEOUS UNITS	E3-50, E3-51	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFNHANDL	MINERAL PROCESSING PLANT	E3-50, E3-51	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFNHANDL1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E3-20, E3-22, E3- 25, E3-25-5, E3-54, E3-57	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFNHANDL1	MINERAL PROCESSING PLANT	E3-20, E3-22, E3- 25, E3-25-5, E3-54, E3-57	60F-2	40 CFR Part 60, Subpart F	No changing attributes.
GRPFNHANDL1	MINERAL PROCESSING PLANT	E3-20, E3-22, E3- 25, E3-25-5, E3-54, E3-57	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPFNMILLS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E3-16, E3-17, E3-18	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFNMILLS	MINERAL PROCESSING PLANT	E3-16, E3-17, E3-18	63LLL-FM	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFNSTOR	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E4-1, E4-2, E4-23, E4-3, E4-4, E4-5	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFNSTOR	MINERAL PROCESSING PLANT	E4-1, E4-2, E4-23, E4-3, E4-4, E4-5	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFNSTOR1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E4-7, E4-8	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFNSTOR1	MINERAL PROCESSING PLANT	E4-7, E4-8	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRPFNSTOR1	MINERAL PROCESSING PLANT	E4-7, E4-8	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPFNSTOR2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E4-24, E4-26	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPFNSTOR2	MINERAL PROCESSING PLANT	E4-24, E4-26	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRPFNSTOR2	MINERAL PROCESSING PLANT	E4-24, E4-26	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPLOAD	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E4-10, E4-11, E4- 13, E4-16, E4-17, E4-18, E4-19, E4- 21, E4-22, E4-9	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPLOAD	MINERAL PROCESSING	E4-10, E4-11, E4-	63LLL	40 CFR Part 63, Subpart	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PLANT	13, E4-16, E4-17, E4-18, E4-19, E4- 21, E4-22, E4-9		LLL	
GRPMTHANDL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E3-14, E3-2, E3-31, E3-32, E3-43A	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPMTHANDL	MINERAL PROCESSING PLANT	E3-14, E3-2, E3-31, E3-32, E3-43A	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPMTTRANS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E3-10, E3-11, E3- 12, E3-15, E3-23, E3-24, E3-33, E3- 34, E3-35, E3-37, E3-38, E3-41, E3- 42, E3-6, E4-12	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPMTTRANS	MINERAL PROCESSING PLANT	E3-10, E3-11, E3- 12, E3-15, E3-23, E3-24, E3-33, E3- 34, E3-35, E3-37, E3-38, E3-41, E3- 42, E3-6, E4-12	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPMTTRANS1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	E1-30, E1-31, E1- 31A, E2-10C, E2- 10D, E2-11A, E2- 11B, E2-7A, E2-7B, E3-52	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPMTTRANS1	MINERAL PROCESSING PLANT	E1-30, E1-31, E1- 31A, E2-10C, E2- 10D, E2-11A, E2- 11B, E2-7A, E2-7B, E3-52	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRPMTTRANS1	MINERAL PROCESSING	E1-30, E1-31, E1-	63LLL	40 CFR Part 63, Subpart	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PLANT	31A, E2-10C, E2-10D, E2-11A, E2-11B, E2-7A, E2-7B, E3-52		LLL	
GRPMTTRANS2	MISCELLANEOUS UNITS	E2-10F, E2-10G, E2-14A, E2-17	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPMTTRANS2	MINERAL PROCESSING PLANT	E2-10F, E2-10G, E2-14A, E2-17	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRPMTTRANS2	MINERAL PROCESSING PLANT	E2-10F, E2-10G, E2-14A, E2-17	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPMTTRANS3	MISCELLANEOUS UNITS	E1-32, E1-32A, E1-32B	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPMTTRANS3	MINERAL PROCESSING PLANT	E1-32, E1-32A, E1-32B	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPSYNGYP	MISCELLANEOUS UNITS	E3-51A, E3-51B, E3-51C	R111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPSYNGYP	MINERAL PROCESSING PLANT	E3-51A, E3-51B, E3-51C	60F	40 CFR Part 60, Subpart F	No changing attributes.
GRPSYNGYP	MINERAL PROCESSING PLANT	E3-51A, E3-51B, E3-51C	63LLL	40 CFR Part 63, Subpart LLL	No changing attributes.
GRPTANK	LOADING/UNLOADING OPERATIONS	GA-TANK1, GA-TANK2, P-20, TANK 4	R5211	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRPTANK	STORAGE TANKS/VESSELS	GA-TANK1, GA-TANK2, P-20, TANK 4	R5111-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK2	LOADING/UNLOADING OPERATIONS	FP-TNK, TANKA, TANKB, TANKC	R5217-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
ME-0042	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
ME-0042	SRIC ENGINES	N/A	R117-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
TANK2	LOADING/UNLOADING OPERATIONS	N/A	R5217-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TANK2	STORAGE TANKS/VESSELS	N/A	R5111-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TANKD	LOADING/UNLOADING OPERATIONS	N/A	R5217-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ALTF-BH1	EP	R111-2	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
ALTF-BH1	EU	60F-3	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)
ALTF-BH1	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						which exhibit opacity in excess of 10 percent.	[G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		
ALTF-BH2	EP	R111-2	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
ALTF-BH2	EU	60F-3	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)
ALTF-BH2	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	[G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
DE-1	EP	R111-2	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
DE-1	EU	R117-2	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)
DE-1	EU	R117-2	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.410(a)(4)(E)(iii) § 117.410(a) § 117.410(a)(4)(F)	No person shall allow the discharge from diesel engines, excluding dual-fuel	§ 117.435(a)(1) § 117.435(a)(3) § 117.435(b)	§ 117.445(a) § 117.445(f) [G]§ 117.445(f)(3)	§ 117.435(f) § 117.445(b) [G]§ 117.445(c)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 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)	engines, with a hp rating of 100 hp or greater, but less than 750 hp, that are installed, modified, reconstructed, or relocated on or after March 1, 2009, NOx emissions in excess of 2.8 g/hp-hr.	§ 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) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b)	§ 117.445(f)(8) [G]§ 117.445(f)(9)	§ 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)
DE-1	EU	60III-2	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 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 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 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	§ 60.4209(b)	§ 60.4214(c)	None
DE-1	EU	60III-2	NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than	§ 60.4209(b)	§ 60.4214(c)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	or equal to 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with a NOx emission limit of 0.40 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
DE-1	EU	60III-2	Nonmethane Hydrocarbons	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 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 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with an NMHC emission limit of 0.19 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	§ 60.4209(b)	§ 60.4214(c)	None
DE-1	EU	60III-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 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 130 KW and less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a PM emission limit of 0.02 g/KW-hr as stated in 40 CFR	§ 60.4209(b)	§ 60.4214(c)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
DE-1	EU	63ZZZZ-2	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
E1-12	PRO	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
E1-40	PRO	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
E1-41	PRO	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1),	[G]§ 111.111(a)(8)(B) ** 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)
						(a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.			
E1-45	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
E2-10A	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
E2-22	EP	R151-1	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
E2-22	EP	R111-4	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 which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) ** See CAM Summary	§ 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)
E2-22	EU	R73123-1	NO <sub>x</sub>	30 TAC Chapter 117, Cement Kilns	§ 117.3120(a) § 117.3103(c) § 117.3120(d) § 117.3120(f)	As an alternative to requirements of §117.3110 in Bexar, Comal, Ellis, Hays, and McLennan Counties, an owner or operator may reduce total NO <sub>x</sub> emissions in ppd from all cement kilns at the account (including any cement kilns placed into service on or after 12/31/1999) to at least 30% less than the total NO <sub>x</sub> emissions in ppd from all cement kilns in the account's 1996 emissions inventory, on a 90-day rolling average basis. The average is calculated as specified.	§ 117.3120(e) § 117.3140(a) § 117.3140(b) [G]§ 117.3140(b)(1) § 117.3140(b)(3)	§ 117.3145(c) [G]§ 117.3145(c)(1) § 117.3145(c)(2) § 117.3145(c)(3)	§ 117.3120(b) § 117.3120(c) § 117.3120(d) § 117.3145(a) [G]§ 117.3145(b)
E2-22	EU	R73123-1	NO <sub>x</sub>	30 TAC Chapter 117, Cement Kilns	§ 117.3123(a) § 117.3123(b) § 117.3123(g) § 117.3142(b) § 117.3142(b)(1) § 117.3142(b)(2) § 117.3142(b)(3)	In accordance with the compliance schedule in §117.9320(c), the owner or operator of any portland cement kiln located in Ellis County shall not allow the total NO <sub>x</sub> 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	§ 117.3123(c) § 117.3140(a) § 117.3140(b) [G]§ 117.3140(b)(1) § 117.3140(b)(3) § 117.3142(a) § 117.3142(a)(1) § 117.3142(a)(2) § 117.3142(a)(4) § 117.3142(b)(1) § 117.3142(b)(2) § 117.3142(b)(3)	§ 117.3145(c) § 117.3145(c)(2) § 117.3145(c)(3) § 117.3145(c)(4) § 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)	§ 117.3123(e) [G]§ 117.3123(e)(1) § 117.3123(e)(2) § 117.3145(a) [G]§ 117.3145(b)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						year.			
E2-22	EU	60F-1	PM	40 CFR Part 60, Subpart F	§ 60.62(b)(2) § 60.62(b) § 60.62(d) [G]§ 60.63(b)(1) § 63.1343(b)(2)	If the kiln and clinker cooler exhaust are combined for energy efficiency purposes and sent to a single control device, the appropriate kiln PM limit may be adjusted using the procedures in §63.1343(b) of this chapter.	§ 60.63(b) [G]§ 60.63(b)(1) § 60.63(b)(2) [G]§ 60.63(i) § 60.64(a) § 60.64(b)(1)	§ 60.63(b)(2) § 60.63(b)(3) [G]§ 60.63(i)	[G]§ 60.63(i) § 60.64(d)(1) § 60.64(d)(3) § 60.64(d)(4)
E2-22	EU	63LLL-2	Dioxins/Furans	40 CFR Part 63, Subpart LLL	§ 63.1343(b)(1)-Table 1.1 § 63.1342 § 63.1343(a) § 63.1343(b)(1)-Table 1.3 [G]§ 63.1346(a) § 63.1346(b) § 63.1346(g) § 63.1346(g)(1) § 63.1346(g)(2) § 63.1346(g)(3) § 63.1347(b) § 63.1348(d) § 63.1350(a)(4)	For an existing kiln, limit D/F emissions to 0.2 ng/dscm (TEQ).	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) § 63.1347(b) § 63.1348(a) § 63.1348(a)(3) § 63.1348(a)(3)(i) § 63.1348(a)(3)(ii) [G]§ 63.1348(a)(7) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(1)(ii) § 63.1348(b)(1)(iii) § 63.1348(b)(4) § 63.1348(b)(9) [G]§ 63.1348(c) [G]§ 63.1349(a) § 63.1349(b)(3) § 63.1349(b)(3)(i) § 63.1349(b)(3)(ii) § 63.1349(b)(3)(iii) § 63.1349(b)(3)(iv) § 63.1349(c) § 63.1349(e) § 63.1350(a)(1) § 63.1350(a)(3) § 63.1350(a)(4) [G]§ 63.1350(g) § 63.1350(m)	§ 63.1346(g)(4) § 63.1348(b)(1)(i) § 63.1348(b)(4) [G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(b)(3)(ii) § 63.1350(g) § 63.1350(g)(1) § 63.1350(g)(2) § 63.1350(g)(4) § 63.1350(m)(4) § 63.1355(a) [G]§ 63.1355(b) § 63.1355(c) § 63.1355(f) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) [G]§ 63.1354(b) § 63.1354(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.1350(m)(2) [G]§ 63.1350(o) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
E2-22	EU	63LLL-2	Hydrogen Chloride	40 CFR Part 63, Subpart LLL	§ 63.1343(b)(1)-Table 1.2 § 63.1342 § 63.1343(a) § 63.1343(b)(1)-Table 1.3 § 63.1346(g) § 63.1346(g)(1) § 63.1346(g)(2) § 63.1346(g)(3) § 63.1347(b) § 63.1348(d) § 63.1350(a)(4)	For an existing kiln located at a major source, limit HCl emissions to 3 ppmvd.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) § 63.1347(b) § 63.1348(a) § 63.1348(a)(6) § 63.1348(a)(6)(i) [G]§ 63.1348(a)(7) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(1)(ii) § 63.1348(b)(1)(iii) § 63.1348(b)(8) § 63.1348(b)(8)(iv) § 63.1348(b)(9) [G]§ 63.1348(c) [G]§ 63.1349(a) § 63.1349(b)(6)(i)(A) § 63.1349(b)(6)(iii) [G]§ 63.1349(b)(8) § 63.1349(c) § 63.1349(e) § 63.1350(a)(1) § 63.1350(a)(3) § 63.1350(a)(4) § 63.1350(l) [G]§ 63.1350(l)(3) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(m)(4)	§ 63.1346(g)(4) § 63.1348(b)(1)(i) [G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(b)(8)(viii) § 63.1350(l) [G]§ 63.1350(l)(3) § 63.1350(m)(4) § 63.1355(a) [G]§ 63.1355(b) § 63.1355(c) § 63.1355(f) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) [G]§ 63.1354(b) § 63.1354(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.1350(o) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
E2-22	EU	63LLL-2	Mercury	40 CFR Part 63, Subpart LLL	§ 63.1343(b)(1)-Table 1.1 § 63.1342 § 63.1343(a) § 63.1343(b)(1)-Table 1.3 § 63.1346(g) § 63.1346(g)(1) § 63.1346(g)(2) § 63.1346(g)(3) § 63.1347(b) § 63.1348(d) § 63.1350(a)(4)	For an existing kiln, limit mercury emissions to 55 lb/MM tons clinker.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) § 63.1347(b) § 63.1348(a) [G]§ 63.1348(a)(5) [G]§ 63.1348(a)(7) § 63.1348(b) [G]§ 63.1348(b)(1) [G]§ 63.1348(b)(7) § 63.1348(b)(9) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(5) § 63.1349(e) § 63.1350(a)(1) § 63.1350(a)(3) § 63.1350(a)(4) [G]§ 63.1350(d) § 63.1350(k) § 63.1350(k)(1) [G]§ 63.1350(k)(2) [G]§ 63.1350(k)(3) § 63.1350(k)(4) § 63.1350(k)(5) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) § 63.1350(m)(4) [G]§ 63.1350(n) [G]§ 63.1350(o) § 63.1350(p)	§ 63.1346(f) § 63.1346(g)(4) § 63.1348(b)(1)(i) [G]§ 63.1348(c)(2) [G]§ 63.1349(a) [G]§ 63.1350(d) § 63.1350(k)(5) § 63.1350(m)(4) § 63.1350(n)(4) § 63.1355(a) [G]§ 63.1355(b) § 63.1355(c) § 63.1355(e) § 63.1355(f) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) [G]§ 63.1354(b) § 63.1354(c)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
E2-22	EU	63LLL-2	PM	40 CFR Part 63, Subpart LLL	§ 63.1343(b)(1)-Table 1.1 § 63.1342 § 63.1343(a) § 63.1343(b)(1)-Table 1.3 § 63.1343(b)(2) § 63.1346(g) § 63.1346(g)(1) § 63.1346(g)(2) § 63.1346(g)(3) § 63.1347(b) § 63.1348(d) § 63.1350(a)(4)	For an existing kiln, limit PM emissions to 0.07 lb/ton clinker.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) § 63.1347(b) § 63.1348(a) § 63.1348(a)(1) [G]§ 63.1348(a)(7) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(1)(ii) § 63.1348(b)(1)(iii) § 63.1348(b)(2) § 63.1348(b)(9) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(1) § 63.1349(c) § 63.1349(e) § 63.1350(a)(1) § 63.1350(a)(3) § 63.1350(a)(4) [G]§ 63.1350(b) [G]§ 63.1350(d) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) [G]§ 63.1350(o) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	§ 63.1346(g)(4) [G]§ 63.1347(a) § 63.1348(b)(1)(i) [G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(b)(1)(v) [G]§ 63.1350(d) § 63.1350(m)(4) § 63.1355(a) [G]§ 63.1355(b) § 63.1355(c) § 63.1355(e) § 63.1355(f) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(3) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) [G]§ 63.1354(b) § 63.1354(c)
E2-22	EU	63LLL-2	Total	40 CFR Part 63,	§ 63.1343(b)(1)-Table	For an existing kiln, limit	§ 63.1347(a)	§ 63.1346(g)(4)	§ 63.1347(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)
			Hydrocarbons	Subpart LLL	1.1 § 63.1342 § 63.1343(a) § 63.1343(b)(1)-Table 1.3 § 63.1346(g) § 63.1346(g)(1) § 63.1346(g)(2) § 63.1346(g)(3) § 63.1347(b) § 63.1348(d) § 63.1350(a)(4)	THC emissions to 24 ppmvd.	§ 63.1347(a)(1) § 63.1347(a)(3) § 63.1347(b) § 63.1348(a) § 63.1348(a)(4)(i) [G]§ 63.1348(a)(7) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(1)(ii) § 63.1348(b)(1)(iii) [G]§ 63.1348(b)(6) § 63.1348(b)(9) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(4) § 63.1349(e) § 63.1350(a)(1) § 63.1350(a)(3) § 63.1350(a)(4) [G]§ 63.1350(i) § 63.1350(m) § 63.1350(m)(1) § 63.1350(m)(2) § 63.1350(m)(3) [G]§ 63.1350(o) § 63.1350(p) [G]§ 63.1350(p)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)	[G]§ 63.1347(a) § 63.1348(b)(1)(i) [G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1350(m)(4) § 63.1355(a) [G]§ 63.1355(b) § 63.1355(c) § 63.1355(f) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a)(1) § 63.1347(a)(3) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) [G]§ 63.1354(b) § 63.1354(c)
E2-7	EP	R111-2	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

### 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)
E2-7	EU	60F	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)
E2-7	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
E3-19	EP	R111-2	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 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)
						period for any source on which construction was begun after January 31, 1972.			
E3-19	EU	60F-2	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)(2) § 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)
E3-19	EU	63LLL-FM	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1343(b)(1)-Table 1.13 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(2) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(12) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
E3-21	EP	R111-2	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
E3-21	EU	60F-2	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)(2) § 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)
E3-21	EU	63LLL-FM	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1343(b)(1)-Table 1.13 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(12) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii)

### 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 exhibit opacity in excess of 10 percent.	[G]§ 63.1350(f)(2) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(c)
E3-55	EP	R111-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
E3-55	EU	60F-2	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)(2) § 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)
E3-55	EU	63LLL-FM	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1343(b)(1)-Table 1.13 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(12) § 63.1354(b)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	[G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(2) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
E4-28	EP	R111-2	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
E4-28	EU	60F	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)
E4-28	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(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)
						system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
E6-10	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
E6-10	EU	60Y-3	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)(2) [G]§ 60.257(a)(3) ** See Periodic Monitoring Summary	None	None
E6-31	EU	R111-2	Opacity	30 TAC Chapter	§ 111.111(a)(1)(B)	Visible emissions from any	[G]§ 111.111(a)(1)(F)	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)
				111, Visible Emissions	§ 111.111(a)(1)(E)	stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	** See Periodic Monitoring Summary		
E6-31	EU	60Y-2	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)(2) [G]§ 60.257(a)(3) ** See Periodic Monitoring Summary	None	None
E6-31	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(9)(vii) § 63.1354(c)
E7-11	EP	R151-1	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
E7-11	EP	R111-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
E7-11	EU	60F-3	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)(2) § 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(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)(4)		
E7-11	EU	63LLL-FM	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1343(b)(1)-Table 1.13 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(2) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(12) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
FP-ENG	EU	R117-3	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), 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,	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	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)
						reconstruction or relocation per § 117.403(a)(9)(A)-(B)			
FP-ENG	EU	60III-3	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
FP-ENG	EU	60III-3	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
FP-ENG	EU	63ZZZ-3	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	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)
						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.			
GRP-ALTM	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRP-ALTM	EU	60F	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-ALTM	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(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)
						system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRP-ALTSF	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRP-ALTSF	EU	60F-3	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-ALTSF	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin;	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1348(d) § 63.1350(a)(4)	conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRP-P-1	PRO	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPADD	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPADD	EU	60000-3	PM (Opacity)	40 CFR Part 60, Subpart 000	§ 60.672(b)-Table 3 § 60.672(b)	The owner or operator must meet a fugitive emission limit 7 percent opacity with periodic inspections of water sprays for grinding mills, screening operations, bucket elevators, transfer operator points on belt conveyors, bagging	§ 60.675(a) § 60.675(c)(1) § 60.675(c)(1)(i) § 60.675(c)(1)(ii) § 60.675(c)(3) [G]§ 60.675(e)(2) § 60.675(g) ** See Periodic Monitoring Summary	None	§ 60.675(g) § 60.676(f) [G]§ 60.676(g) [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)
						operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008.			
GRPBELT	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPBELT	EU	60000-1	PM (Opacity)	40 CFR Part 60, Subpart 000	§ 60.672(b)-Table 3 § 60.672(b)	The owner or operator must meet a fugitive emission limit of 10 percent opacity for grinding mills, screening operations, bucket elevators, transfer operator points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008.	§ 60.675(a) § 60.675(c)(1) § 60.675(c)(1)(i) § 60.675(c)(1)(ii) § 60.675(c)(1)(iii) § 60.675(c)(3) [G]§ 60.675(e)(2) § 60.675(g) ** See Periodic Monitoring Summary	None	§ 60.675(g) § 60.676(f) [G]§ 60.676(g) [G]§ 60.676(i) § 60.676(k)
GRPCLINK	EP	R111-1	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	[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)
						period.			
GRPCLINK	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPCLINK1	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPCLINK1	EU	60F-3	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)	§ 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)(1) [G]§ 63.1350(p)(2) § 63.1350(p)(3) § 63.1350(p)(4)		
GRPCLINK1	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPCLINK2	EP	R111-2	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
GRPCLINK2	EU	60F	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	§ 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)(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)
						the kiln and clinker cooler any gases which exhibit 10 percent opacity, or greater.	§ 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)		
GRPCLINK2	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPCLINK3	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPCLINK3	EU	60F	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)		
GRPCLINK3	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPCLKPILE	PRO	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPCLKPILE	EU	63LLL	PM	40 CFR Part 63,	[G]§ 63.1343(c)	The owner or operator of an	§ 63.1347(a)	[G]§ 63.1343(c)	§ 63.1347(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)
			(Opacity)	Subpart LLL	§ 63.1342 § 63.1343(a) § 63.1347(b)	open clinker storage pile must prepare and operate in accordance with the fugitive dust control measures described in their operation and maintenance plan.	§ 63.1347(a)(1) § 63.1347(b) § 63.1348(d)	§ 63.1355(a)	§ 63.1347(a)(1) § 63.1353(a) § 63.1353(b)(1) § 63.1354(b)(9)(v)
GRPCOAL2	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPCOAL2	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)(2) [G]§ 60.257(a)(3) ** See Periodic Monitoring Summary	None	None
GRPCOAL3	EP	R111-2	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 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)
						1972.			
GRPCOAL3	EU	60Y-2	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)(2) [G]§ 60.257(a)(3) ** See Periodic Monitoring Summary	None	None
GRPCRSHR	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPCRSHR	EU	60000-2	PM (Opacity)	40 CFR Part 60, Subpart OOO	§ 60.672(b)-Table 3 § 60.672(b)	Fugitive emissions from any crusher without a capture system that commenced construction, modification, or reconstruction on or after August 31, 1983 but before April 22, 2008 shall not exceed 15 percent opacity.	§ 60.675(a) § 60.675(c)(1) § 60.675(c)(1)(i) § 60.675(c)(1)(ii) § 60.675(c)(1)(iii) § 60.675(c)(3) [G]§ 60.675(e)(2) § 60.675(g) ** See Periodic Monitoring Summary	None	§ 60.675(g) § 60.676(f) [G]§ 60.676(i) § 60.676(k)
GRPFM7BH	EP	R111-2	Opacity	30 TAC Chapter	§ 111.111(a)(1)(B)	Visible emissions from any	[G]§ 111.111(a)(1)(F)	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)
				111, Visible Emissions	§ 111.111(a)(1)(E)	stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	** See Periodic Monitoring Summary		
GRPFM7BH	EU	60F-3	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)
GRPFM7BH	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						excess of 10 percent.	§ 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		
GRPFM7CL	EP	R111-2	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
GRPFM7CL	EU	60F-3	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)
GRPFM7CL	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFM7DROP	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPFM7DROP	EU	60F-3	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)
GRPFM7DROP	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11)

### 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)
						material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	[G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFM7FNST	EP	R111-2	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
GRPFM7FNST	EU	60F-3	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)
GRPFM7FNST	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(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)
					§ 63.1350(a)(4)	point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1355(g) § 63.1355(h)	[G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFM7LOAD	EP	R111-2	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
GRPFM7LOAD	EU	60F-3	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)
GRPFM7LOAD	EU	63LLL	PM	40 CFR Part 63,	§ 63.1345	The owner or operator of	§ 63.1347(a)	[G]§ 63.1348(c)(2)	§ 63.1347(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)
			(Opacity)	Subpart LLL	§ 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFM7PILE	PRO	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPFM7RAW	EP	R111-2	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
GRPFM7RAW	EU	60F-3	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)		
GRPFM7RAW	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFNHANDL	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPFNHANDL	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342	The owner or operator of each new or existing raw	§ 63.1347(a) § 63.1347(a)(1)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a)	§ 63.1347(a) § 63.1347(a)(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)
					§ 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	§ 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFNHANDL 1	EP	R111-2	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
GRPFNHANDL 1	EU	60F-2	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)		
GRPFNHANDL 1	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFNMILLS	EP	R111-1	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
GRPFNMILLS	EU	63LLL-FM	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1343(b)(1)-Table 1.13 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(12) § 63.1354(b)(2) § 63.1354(b)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(2) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFNSTOR	EP	R111-1	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
GRPFNSTOR	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFNSTOR1	EP	R111-1	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
GRPFNSTOR1	EU	60F	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)
GRPFNSTOR1	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPFNSTOR2	EP	R111-2	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	[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)
						which construction was begun after January 31, 1972.			
GRPFNSTOR2	EU	60F	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)
GRPFNSTOR2	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPLOAD	EP	R111-1	Opacity	30 TAC Chapter	§ 111.111(a)(1)(A)	Visible emissions from any	[G]§ 111.111(a)(1)(F)	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)
				111, Visible Emissions	§ 111.111(a)(1)(E)	stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	** See Periodic Monitoring Summary		
GRPLOAD	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPMTHANDL	EP	R111-1	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
GRPMTHANDL	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	[G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)		§ 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPMTTTRANS	EP	R111-1	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
GRPMTTTRANS	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPMTTTRANS 1	EP	R111-2	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	[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)
						which construction was begun after January 31, 1972.			
GRPMTTRANS 1	EU	60F	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)
GRPMTTRANS 1	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPMTTRANS	EU	R111-5	Opacity	30 TAC Chapter	§ 111.111(a)(8)(A)	Visible emissions from all	[G]§ 111.111(a)(8)(B)	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)
2				111, Visible Emissions		other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	** See Periodic Monitoring Summary		
GRPMTTRANS 2	EU	60F	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)
GRPMTTRANS 2	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.1350(p) [G]§ 63.1350(p)(2)		
GRPMTTRANS 3	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPMTTRANS 3	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPSYNGYP	EU	R111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(8)(A)	Visible emissions from all other sources not specified in 30 TAC §111.111(a)(1), (a)(4), or (a)(7) shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(8)(B) ** See Periodic Monitoring Summary	None	None
GRPSYNGYP	EU	60F	PM (Opacity)	40 CFR Part 60, Subpart F	§ 60.62(c) § 60.62(d)	On and after the date on which the performance test	§ 60.64(a) § 60.64(b)(2)	§ 63.1350(m)(3) § 63.1350(m)(4)	§ 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)
						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)(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(p)	
GRPSYNGYP	EU	63LLL	PM (Opacity)	40 CFR Part 63, Subpart LLL	§ 63.1345 § 63.1342 § 63.1347(b) § 63.1348(b)(3) § 63.1348(d) § 63.1350(a)(4)	The owner or operator of each new or existing raw material, clinker, or finished product storage bin; conveying system transfer point; bagging system; bulk loading or unloading system; raw and finish mills; and each existing raw material dryer, at a facility which is a major source subject to the provisions of this subpart must not cause to be discharged any gases from these affected sources which exhibit opacity in excess of 10 percent.	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) § 63.1347(b) § 63.1348(a) § 63.1348(a)(2) § 63.1348(b) § 63.1348(b)(1)(i) § 63.1348(b)(3) [G]§ 63.1348(c) [G]§ 63.1349(a) [G]§ 63.1349(b)(2) § 63.1349(e) § 63.1350(a)(1) § 63.1350(f) [G]§ 63.1350(f)(1) § 63.1350(f)(3) § 63.1350(p) [G]§ 63.1350(p)(2)	[G]§ 63.1348(c)(2) [G]§ 63.1349(a) § 63.1349(e) § 63.1355(a) [G]§ 63.1355(b) [G]§ 63.1355(g) § 63.1355(h)	§ 63.1347(a) § 63.1347(a)(1) § 63.1347(a)(2) [G]§ 63.1348(c)(2) § 63.1353(a) [G]§ 63.1353(b) § 63.1354(a) § 63.1354(b)(1) [G]§ 63.1354(b)(11) § 63.1354(b)(2) § 63.1354(b)(3) § 63.1354(b)(9) § 63.1354(b)(9)(v) § 63.1354(b)(9)(vii) § 63.1354(c)
GRPTANK	EU	R5211	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	§ 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



### 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)
						the requirements of this division, except as specified.			
GRPTANK	EU	R5111-1	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
GRPTANK2	EU	R5217-1	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
ME-0042	EP	R111-2	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
ME-0042	EU	R117-1	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,	§ 117.8140(a) § 117.8140(a)(3)	§ 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)
						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.			
TANK2	EU	R5217-1	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
TANK2	EU	R5111-1	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
TANKD	EU	R5217-1	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

**Additional Monitoring Requirements**

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## CAM Summary

Unit/Group/Process Information	
ID No.: E2-22	
Control Device ID No.: E2-22	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: PM CPMS output or Opacity	
Minimum Frequency: Once every 15 minutes (PM CPMS) or six-minutes (COMS)	
Averaging Period: 30 process operating day rolling average or 6-min	
Deviation Limit: Greater than 20% opacity when using a Continuous Opacity Monitoring System (COMS) or the equivalent Particulate Matter Continuous Parametric Monitoring System (PM CPMS) per Special Condition 20 of NSR Permit 1360A.	
<p>CAM Text: The permit holder shall operate the PM CPMS per Special Condition 20 of NSR Permit 1360A. The PM CPMS 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.</p> <p>In lieu of using a PM CPMS, a COMS may be used to determine the opacity of the stack emissions. The 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 Performance Specification No. 1, 40 CFR Part 60, Appendix B.</p> <p>If the CPMS 30 process operating day rolling average is utilized and it exceeds the established setpoint limit set per Special Condition 8, the permit holder may:</p> <ul style="list-style-type: none"> <li>* report as a deviation, or</li> <li>* conduct a 6-minute test of opacity in accordance with Method 9 of Appendix A to 40 CFR Part 60. If recorded opacity is above the specified opacity deviation limit, report as a deviation.</li> </ul> <p>If the COMS is utilized, any COMS monitoring data average above the specified opacity deviation limit shall be considered and reported as a deviation.</p> <p>The PM CPMS monitor shall be installed at a measurement location that is representative of control of the exhaust emissions.</p> <p>Records shall be maintained of the most recent PM CPMS certification test.</p>	

## CAM Summary

Unit/Group/Process Information	
ID No.: E2-22	
Control Device ID No.: E2-22	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-4
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: PM CPMS output or Opacity	
Minimum Frequency: Once every 15 minutes (PM CPMS) or six-minutes (COMS)	
Averaging Period: See CAM text	
Deviation Limit: Greater than 20% opacity when using a Continuous Opacity Monitoring System (COMS) or the equivalent Particulate Matter Continuous Parametric Monitoring System (PM CPMS) per Special Condition 20 of NSR Permit 1360A.	
<p>CAM Text: The permit holder shall operate the PM CPMS per Special Condition 20 of NSR Permit 1360A. The PM CPMS 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.</p> <p>In lieu of using a PM CPMS, a COMS may be used to determine the opacity of the stack emissions. The 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 Performance Specification No. 1, 40 CFR Part 60, Appendix B.</p> <p>If the CPMS 30 process operating day rolling average is utilized and it exceeds the established setpoint limit set per Special Condition 20.M., the permit holder may:</p> <ul style="list-style-type: none"> <li>* report as a deviation, or</li> <li>* conduct a 6-minute test of opacity in accordance with Method 9 of Appendix A to 40 CFR Part 60. If recorded opacity is above the specified opacity deviation limit, report as a deviation.</li> </ul> <p>If the COMS is utilized, any COMS monitoring data average above the specified opacity deviation limit shall be considered and reported as a deviation.</p> <p>The PM CPMS monitor shall be installed at a measurement location that is representative of control of the exhaust emissions.</p> <p>Records shall be maintained of the most recent PM CPMS certification test.</p>	

### CAM Summary

Unit/Group/Process Information	
ID No.: E7-11	
Control Device ID No.: E7-11	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once every day	
Averaging Period: 6 minutes	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.	
<p>CAM Text: The permit holder shall conduct a daily 6-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. 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: ALTF-BH1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: ALTF-BH2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: DE-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity 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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. The Method 9 test must begin with 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E1-12	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: E1-40	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: E1-41	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: E1-45	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity exceeds 30%.	
<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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: E2-10A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: E2-7	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E3-19	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E3-21	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E3-55	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 15%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 15% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E4-28	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E6-10	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: E6-10	
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-3
Pollutant: PM (Opacity)	Main Standard: § 60.254(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E6-31	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E6-31	
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-2
Pollutant: PM (Opacity)	Main Standard: § 60.254(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E7-11	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 15%.	
<p>Periodic Monitoring Text: The permit holder shall conduct a daily 6-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. 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 of this chapter. 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 15% shall be reported as a deviation.</p>	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-ALTM	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRP-ALTSF	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRP-P-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPADD	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity exceeds 30%.	
<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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPADD	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000-3
Pollutant: PM (Opacity)	Main Standard: § 60.672(b)-Table 3
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity exceeds 7%.	
<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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 7% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPBELT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPBELT	
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(b)-Table 3
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity exceeds 10%.	
<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 40 CFR 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. If no visible emissions are observed during the semi-annual test for any affected source, the permit holder may decrease the frequency of testing from semi-annually to annually for that affected source. If visible emissions are observed during any 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 emissions observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder must conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of Appendix A to 40 CFR 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 10% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCLINK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPCLINK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPCLINK2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCLINK3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPCLKPILE	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPCOAL2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPCOAL2	
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: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCOAL3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCOAL3	
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-2
Pollutant: PM (Opacity)	Main Standard: § 60.254(a)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCRSRHR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPCRSRHR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000-2
Pollutant: PM (Opacity)	Main Standard: § 60.672(b)-Table 3
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity exceeds 15%.	
<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 40 CFR 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. If no visible emissions are observed during the semi-annual test for any affected source, the permit holder may decrease the frequency of testing from semi-annually to annually for that affected source. If visible emissions are observed during any 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 emissions observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder must conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of Appendix A to 40 CFR 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 15% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFM7BH	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFM7CL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFM7DROP	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPFM7FNST	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFM7LOAD	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFM7PILE	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPFM7RAW	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFNHANDL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPFNHANDL1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFNMILLS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.	
<p>Periodic Monitoring Text: The permit holder shall conduct a daily 6-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. 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 of this chapter. 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.: GRPFNSTOR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPFNSTOR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPFNSTOR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPLOAD	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPMTHANDL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPMTTRANS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPMTTRANS1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPMTTRANS2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPMTTRANS3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: GRPSYNGYP	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-5
Pollutant: Opacity	Main Standard: § 111.111(a)(8)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 30%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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.: ME-0042	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
<p>Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may perform Test Method 9 within 24 hours and opacity shall not exceed 20%.</p> <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. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator 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 of this chapter. 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 20% shall be reported as a deviation.</p>	

**Permit Shield**

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### 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
E6-10	N/A	40 CFR Part 63, Subpart LLL	Crushers are not subject to MACT LLL regardless of their location.
GRP-P-1	BIO-P-1, CAT-P-1, CKDL-2, E1-10, E1-10A, E1-11, E1-35, E1-36, E1-37, E1-38, E1-7, E2-13P, E2-18P, E3-45, E3-45A, E6-4, E6-4A, FLTC-P-1, IRN-P-1, WB-P-1, WD-P-1	40 CFR Part 60, Subpart OOO	Open storage piles are not affected facilities under 40 CFR Part 60, Subpart OOO
GRP-P-1	BIO-P-1, CAT-P-1, CKDL-2, E1-10, E1-10A, E1-11, E1-35, E1-36, E1-37, E1-38, E1-7, E2-13P, E2-18P, E3-45, E3-45A, E6-4, E6-4A, FLTC-P-1, IRN-P-1, WB-P-1, WD-P-1	40 CFR Part 63, Subpart LLL	Non-clinker stockpiles are not affected facilities under 40 CFR Part 63, Subpart LLL
GRPCOAL2	E6-1, E6-15, E6-18, E6-2, E6-9	40 CFR Part 63, Subpart LLL	This source is located prior to the coal mill and is not subject to MACT LLL
GRPCOAL3	E6-27, E6-28	40 CFR Part 63, Subpart LLL	This source is located prior to the coal mill and is not subject to MACT LLL
GRPFM7PILE	E7-24, SYNGYP7-PILE	40 CFR Part 60, Subpart OOO	Open storage piles are not affected facilities under 40 CFR Part 60, Subpart OOO
GRPFM7PILE	E7-24, SYNGYP7-PILE	40 CFR Part 63, Subpart LLL	Non-clinker stockpiles are not affected facilities under 40 CFR Part 63, Subpart LLL
GRPTANK	GA-TANK1, GA-TANK2, P-20, TANK 4	40 CFR Part 60, Subpart K	Storage capacity is less than 40,000 gallons.
ME-0042	N/A	40 CFR Part 63, Subpart ZZZZ	Existing emergency stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions that does not operate or is not contractually obligated to be available for more than 15 hours per calendar year.

### Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TANK 1	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	This is located at a motor vehicle fuel dispensing facility.
TANK 1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank capacity is less than 25,000 gallons and is located at a motor vehicle fuel dispensing facility.

**New Source Review Authorization References**

<b>New Source Review Authorization References .....</b>	<b>146</b>
<b>New Source Review Authorization References by Emission Unit .....</b>	<b>147</b>

### New Source Review Authorization References

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

<b>Prevention of Significant Deterioration (PSD) Permits</b>	
PSD Permit No.: PSDTX632M2	Issuance Date: 01/20/2023
<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 1360A	Issuance Date: 01/20/2023
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.144	Version No./Date: 09/04/2000
Number: 106.227	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: 106.265	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001

### 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**
ALTF-1	ALT. SOLID FUELS TRUCK DROP TO HOPPER	1360A, PSDTX632M2
ALTF-2	ALT. SOLID FUELS SCREW DROP TO ALT FUEL BELT 1	1360A, PSDTX632M2
ALTF-3	ALT. SOLID FUELS BELT 1 DROP TO BELT 2	1360A, PSDTX632M2
ALTF-4	ALT SOLID FUELS BELT 2 DROP TO BELT 3	1360A, PSDTX632M2
ALTF-5	ALT. SOLID FUELS BELT 3 DROP TO TOWER HOPPER SCREW	1360A, PSDTX632M2
ALTF-6	ALT. SOLID FUELS HOPPER SCREWS TO BELT 4	1360A, PSDTX632M2
ALTF-7	ALT. SOLID FUELS BELT 4 DROP TO BELT 5	1360A, PSDTX632M2
ALTF-8	ALT. SOLID FUELS BELT 5 DROP TO FEED SCREW	1360A, PSDTX632M2
ALTF-BH1	SHREDDER LINE 1	106.262/11/01/2003 [153907]
ALTF-BH2	SHREDDER LINE 2	106.262/11/01/2003 [153907]
ALTM-1	ALT. RAW MATERIAL LOADER DROP TO HOPPER	1360A, PSDTX632M2
ALTM-2	ALT. RAW MATERIAL HOPPER DROP TO BELT 5	1360A, PSDTX632M2
BIO-P-1	ALT. SOLID FUELS STORAGE PILE	1360A, PSDTX632M2
CAT-P-1	ALT. RAW MATERIAL STORAGE PILE	1360A, PSDTX632M2
CKDL-2	CKD PILE	1360A, PSDTX632M2
DE-1	ENGINE FOR CRUSHER	106.512/06/13/2001 [172168]
DROPS	ALTERNATIVE FUEL SYSTEM DROP POINTS AND CONVEYOR	106.262/11/01/2003 [153907]
E1-10	RAW MATERIAL STORAGE PILE-MILL SCALE	106.261/11/01/2003 [49617]
E1-10A	RAW MATERIAL STORAGE PILE-MILL SCALE.	106.261/11/01/2003 [156226]
E1-11	RAW MATERIAL STORAGE PILE-SAND	1360A, PSDTX632M2

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E1-12	DOZER RIPPING BLASTING & DRILLING	1360A, PSDTX632M2
E1-24	PRIMARY CRUSHER	1360A, PSDTX632M2
E1-25	TRANSFER POINT #1	1360A, PSDTX632M2
E1-26	TRANSFER POINT #2	1360A, PSDTX632M2
E1-27	SECONDARY CRUSHER	1360A, PSDTX632M2
E1-28	OVERLAND CONVEYOR DIVERTER DROP	1360A, PSDTX632M2
E1-29	LIMESTONE STORAGE DOME DROP	1360A, PSDTX632M2
E1-30	UNDERGROUND BELT BAGHOUSE	1360A, PSDTX632M2
E1-31	RAW BINS BAGHOUSE	1360A, PSDTX632M2, 106.261/11/01/2003 [149552]
E1-31A	LIMESTONE TRANSFER BAGHOUSE	1360A, PSDTX632M2
E1-32	SAND, DROP TO HOPPER	1360A, PSDTX632M2
E1-32A	SAND HOPPER DROP TO BELT	1360A, PSDTX632M2
E1-32B	IRON/SAND WEIGH FEEDER DROP	1360A, PSDTX632M2
E1-33	OVERLAND CONVEYOR TANSFER #3	1360A, PSDTX632M2
E1-34	OVERLAND CONVEYOR TRANSFER #4	1360A, PSDTX632M2
E1-35	RAW MATERIAL STORAGE PILE-LW AGGREGATE	1360A, PSDTX632M2
E1-36	RAW MATERIAL STORAGE PILE-BRIDGEPORT STONE	1360A, PSDTX632M2
E1-37	RAW MATERIAL STORAGE PILE - FLYASH	106.261/11/01/2003 [156226]
E1-38	RAW MATERIAL STORAGE PILE - SHALE	106.261/11/01/2003 [156226]
E1-40	ADDITIVE STOCKPILE	106.261/11/01/2003 [168509]

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E1-40A	LINE 1 DROP FROM LOADER TO HOPPER	106.261/11/01/2003 [168509]
E1-40B	LINE 1 HOPPER DROP TO BELT	106.261/11/01/2003 [168509]
E1-40C	LINE 1 BELT DROP TO CONVEYOR	106.261/11/01/2003 [168509]
E1-41	ADDITIVE STOCKPILE	106.261/11/01/2003 [168509]
E1-41A	LINE 2 DROP FROM LOADER TO HOPPER	106.261/11/01/2003 [168509]
E1-41B	LINE 2 HOPPER DROP TO BELT	106.261/11/01/2003 [168509]
E1-41C	LINE 2 BELT DROP TO CONVEYOR	106.261/11/01/2003 [168509]
E1-45	CRUSHER	106.261/11/01/2003 [172168], 106.262/11/01/2003 [172168]
E1-7	RAW MATERIAL STORAGE PILE - GYPSUM	1360A, PSDTX632M2
E2-10A	CKD DROP FROM TRUCK	1360A, PSDTX632M2
E2-10C	CKD BIN BAGHOUSE	1360A, PSDTX632M2
E2-10D	KILN DUST TO SCRUBBER BAGHOUSE	1360A, PSDTX632M2
E2-10F	BYPASS DUST TRUCK LOADOUT FUGITIVE	1360A, PSDTX632M2
E2-10G	CKD PUG MILL	106.261/11/01/2003 [50056]
E2-11A	DUST BIN BAGHOUSE	1360A, PSDTX632M2, 106.261/11/01/2003 [149552]
E2-11B	LIME SILO BAGHOUSE	1360A, PSDTX632M2
E2-13P	RAW MATERIAL STORAGE PILE	1360A, PSDTX632M2
E2-14A	STEEL SLAG GRIZZLY SCREEN	1360A, PSDTX632M2
E2-17	KILN 5 IRON FEED SYSTEM HOPPER	1360A, PSDTX632M2

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization **
E2-18P	RAW MATERIAL STORAGE PILE	1360A, PSDTX632M2
E2-22	MAIN KILN EXHAUST/SCRUBBER	1360A, PSDTX632M2
E2-7	BLENDING SILO BAGHOUSE	1360A, PSDTX632M2
E2-7A	BLENDING SILO DISCHARGE BAGHOUSE	1360A, PSDTX632M2
E2-7B	PREHEATER TOWER PNEUMATIC FEED BAGHOUSE	1360A, PSDTX632M2
E3-10	ADDITIVE SILOS CONVEYOR DROP	1360A, PSDTX632M2
E3-11	BELT TRANSFER 707 TAIL PULLEY	1360A, PSDTX632M2
E3-12	RECLAIM BELT BAGHOUSE	1360A, PSDTX632M2
E3-13	CLINKER STORAGE PILE	106.261/11/01/2003 [49617]
E3-13A	RESERVE CLINKER PILE	106.261/11/01/2003 [83128]
E3-13D	RESERVE CLINKER, PORTABLE SCREEN	106.261/11/01/2003 [91551]
E3-13E	CLINKER STORAGE PILE	106.261/11/01/2003 [91551]
E3-14	FLYASH SILO BAGHOUSE	1360A, PSDTX632M2
E3-15	SOUTH CLINKER GROUP NO 4 BAGHOUSE	1360A, PSDTX632M2
E3-16	FINISH MILL #1 BAGHOUSE	1360A, PSDTX632M2
E3-17	FINISH MILL #2 BAGHOUSE	1360A, PSDTX632M2
E3-18	FINISH MILL #3 BAGHOUSE	1360A, PSDTX632M2
E3-19	FINISH MILL #4 BAGHOUSE	1360A, PSDTX632M2
E3-2	#3 TUNNEL BAGHOUSE	1360A, PSDTX632M2
E3-20	FINISH MILL NO. 5 FEED BAGHOUSE	1360A, PSDTX632M2
E3-21	FINISH MILL NO. 5 BAGHOUSE STACK	1360A, PSDTX632M2



### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E3-22	708 HEAD PULLEY BAGHOUSE	1360A, PSDTX632M2
E3-23	LOWER RECLAIM BELT BAGHOUSE	1360A, PSDTX632M2
E3-24	STACKER BELT SEC 2 BAGHOUSE	1360A, PSDTX632M2
E3-24A	NEW BH AT NEW TRANSFER TOWER TO FM5	1360A, PSDTX632M2
E3-25	FM#6 TRANSFER TOWER BAGHOUSE	1360A, PSDTX632M2
E3-25-5	FM #5 FRINGE BIN BAGHOUSE	1360A, PSDTX632M2
E3-3	#2 TUNNEL BAGHOUSE	1360A, PSDTX632M2
E3-31	FINISH TUNNEL #4 BAGHOUSE	1360A, PSDTX632M2
E3-32	NO 4 FEEDER BAGHOUSE STACK	1360A, PSDTX632M2
E3-33	CLINKER BARN WEST BAGHOUSE	1360A, PSDTX632M2
E3-33A	CLINKER OUTHAUL TO #6 FINISH MILL BAGHOUSE	1360A, PSDTX632M2
E3-33B	CLINKER DROP FROM LOADER TO HOPPER	106.261/11/01/2003 [81823]
E3-33C	HOPPER CLINKER DROP TO BELT 712T	106.261/11/01/2003 [81823]
E3-33D	BELT 712T CLINKER DROP TO BELT 713	106.261/11/01/2003 [81823]
E3-33E	TRANSFER TOWER CLINKER DUST COLLECTOR STACK	1360A, PSDTX632M2
E3-34	SURGE COLLECTOR BAGHOUSE	1360A, PSDTX632M2
E3-35	HEAD PULLEY 700 PAN BAGHOUSE	1360A, PSDTX632M2
E3-37	NOS 9-10 CLINKER SILO BAGHOUSE	1360A, PSDTX632M2
E3-38	CLINKER BARN EAST TUNNEL	1360A, PSDTX632M2
E3-41	EAST CLINKER DOOR BAGHOUSE	1360A, PSDTX632M2
E3-42	WEST CLINKER DOOR BAGHOUSE	1360A, PSDTX632M2

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E3-43A	NO 1 FINISH MILL FEED BELT CARTRIDGE	1360A, PSDTX632M2
E3-45	RAW MATERIAL STORAGE PILE-LIGHT WEIGHT AGGREGATE	1360A, PSDTX632M2
E3-45A	RAW MATERIAL STORAGE PILE-LIGHT WEIGHT AGGREGATE	106.261/11/01/2003 [156226]
E3-5	#1 TUNNEL BAGHOUSE	1360A, PSDTX632M2
E3-50	MILL ADDITIVE DROP TO RAIL HOPPER	1360A, PSDTX632M2
E3-51	ADDITIVE HOPPER, DROP TO BELT	1360A, PSDTX632M2
E3-51A	ADDITIVE DROP TO HOPPER	1360A, PSDTX632M2
E3-51B	ADDITIVE HOPPER, DROP TO BELT	106.261/11/01/2003 [83073]
E3-51C	ADDITIVE HOPPER, BELT TO BELT DROP	106.261/11/01/2003 [83073]
E3-52	PAN CONVEYOR BAGHOUSE	1360A, PSDTX632M2
E3-52A	CLINKER DISCHARGE BAGHOUSE	1360A, PSDTX632M2
E3-52B	CLINKER DROP FROM LOADER TO HOPPER	106.261/11/01/2003 [156226]
E3-52C	HOPPER CLINKER DROP TO BELT	106.261/11/01/2003 [156226]
E3-52D	BELT DROP TO CONVEYOR	106.261/11/01/2003 [156226]
E3-53	CLINKER BELT TRANSFER BAGHOUSE	1360A, PSDTX632M2
E3-54	FM#6 BIN BAGHOUSE	1360A, PSDTX632M2
E3-55	FINISH MILL NO 6 BAGHOUSE	1360A, PSDTX632M2
E3-57	FM#6 CEMENT BAGHOUSE	1360A, PSDTX632M2
E3-58	NEW CLINKER BARN EXIT BELT DUST COLLECTOR STACK	1360A, PSDTX632M2
E3-6	700 PAN CONVEYOR BAGHOUSE	1360A, PSDTX632M2
E3-61	NEW FM#6 CEMENT TRANSFER LINE TO GROUP 1 SILOS DUS	1360A, PSDTX632M2

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E3-62	NEW FM#6 CEMENT TRANSFER LINE TO GROUP 3 SILO DUST	1360A, PSDTX632M2
E4-1	FINISH SILO GROUP 4 BAGHOUSE	1360A, PSDTX632M2
E4-10	RAIL SYSTEM BAGHOUSE	1360A, PSDTX632M2
E4-11	RAIL LOADING #3 BAGHOUSE	1360A, PSDTX632M2
E4-12	FM #6 TRANSFER BAGHOUSE	1360A, PSDTX632M2
E4-13	TRUCK LOAD-OUT BAGHOUSE	1360A, PSDTX632M2
E4-16	TRUCK LOAD-OUT #2 BAGHOUSE	1360A, PSDTX632M2
E4-17	TRUCK LOADOUT #1 BAGHOUSE	1360A, PSDTX632M2
E4-18	TRUCK LOADING BAGHOUSE	1360A, PSDTX632M2
E4-19	PACKHOUSE ELEVATOR BAGHOUSE	1360A, PSDTX632M2
E4-2	FINISH SILO GROUP 4 BAGHOUSE	1360A, PSDTX632M2
E4-21	MASONRY RAIL LOADOUT BAGHOUSE	1360A, PSDTX632M2
E4-22	TRUCK LOAD-OUT BAGHOUSE	1360A, PSDTX632M2
E4-23	FINISH SILO GROUP 3 BAGHOUSE	1360A, PSDTX632M2
E4-24	#5 BIN BAGHOUSE	1360A, PSDTX632M2
E4-26	#6 BIN BAGHOUSE	1360A, PSDTX632M2
E4-28	#3 LOAD SPOUT BAGHOUSE	1360A, PSDTX632M2
E4-3	FINISH SILO GROUP 3 BAGHOUSE	1360A, PSDTX632M2
E4-4	SILO GROUP 3 BAGHOUSE	1360A, PSDTX632M2
E4-5	FINISH SILO GROUP 2 BAGHOUSE	1360A, PSDTX632M2
E4-7	FINISH SILO GROUP 1 BAGHOUSE	1360A, PSDTX632M2

### 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**
E4-8	FINISH SILO GROUP 1 BAGHOUSE	1360A, PSDTX632M2
E4-9	RAIL LOADING BAGHOUSE	1360A, PSDTX632M2
E6-1	COAL DROP FROM RAILCAR	1360A, PSDTX632M2
E6-10	COAL CRUSHER	1360A, PSDTX632M2
E6-15	SOLID FUEL DROP TO BELT	1360A, PSDTX632M2
E6-18	SOLID FUEL DROP TO STACKER BELT	1360A, PSDTX632M2
E6-2	SOLID FUEL, RAIL HOPPER DROP TO BELT	1360A, PSDTX632M2
E6-27	SOLID FUEL CONVEYOR DIVERTER BAGHOUSE	1360A, PSDTX632M2
E6-28	SOLID FUEL MILL BIN BAGHOUSE	1360A, PSDTX632M2
E6-31	COAL FINES BIN BAGHOUSE	1360A, PSDTX632M2
E6-4	SOLID FUEL STORAGE PILE	1360A, PSDTX632M2
E6-4A	SOLID FUEL STORAGE PILE	106.262/11/01/2003 [88314]
E6-9	SOLID FUEL LOADER DROP TO HOPPER	1360A, PSDTX632M2
E7-01	GYPSUM HOPPER DROP	1360A, PSDTX632M2
E7-01A	ADDITIVE HOPPER DROP	1360A, PSDTX632M2
E7-02	GYPSUM HOPPER DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-02A	ADDITIVE HOPPER DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-04	CLINKER BIN A & B DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-05	CLINKER A & B DISCHARGE DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-05A	GYPSUM WEIGHFEEDER/MILL FEED BELT DUST COLL STK	1360A, PSDTX632M2
E7-05B	LIMESTONE WEIGHFEEDER/MILL FEED BELT DUST COLL STK	1360A, PSDTX632M2

### 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**
E7-05C	ADD. BIN 4 WEIGHFEEDER/FM7 FEED BLT DUST COLL STK	1360A, PSDTX632M2
E7-06	LS/GYPSUM BIN DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-07	LIMESTONE BIN DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-07A	ADDITIVE BIN 4 TOP DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-09	CKD BIN VENT RECEIVING FROM KILN #5 DUST COLLECTOR	1360A, PSDTX632M2
E7-09A	CKD FROM KILN #5 TRANSFER TOWER DUST COLLECTOR STA	1360A, PSDTX632M2
E7-10	FINISH MILL NO. 7 MATERIALFEED DUST COLLECTOR STAC	1360A, PSDTX632M2
E7-10A	MILL RECIRCULATION CIRCUIT DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-11	FINISH MILL NO. 7DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-12	FINISH MILL NO. 7 AIRSLIDES/BUCKET ELEVATOR DUST C	1360A, PSDTX632M2
E7-13	FINISH MILL NO. 7 AIRSLIDES/CEMENT COOLERS DUST CO	1360A, PSDTX632M2
E7-15	CEMENT SILO 1 DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-16	CEMENT SILO 2 DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-17	CEMENT SILO 3 DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-18	CEMENT SILO 1 TRUCK LOADOUT A DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-19	CEMENT SILO 1 TRUCK LOADOUT B DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-20	CEMENT SILO 2 TRUCK LOADOUT A DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-21	CEMENT SILO 2 TRUCK LOADOUT B DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-22	CEMENT SILO 3 TRUCK LOADOUT A DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-23	CEMENT SILO 3 TRUCK LOADOUT B DUST COLLECTOR STACK	1360A, PSDTX632M2
E7-24	LIMESTONE/GYPSUM/ADDITIVE PILE	1360A, PSDTX632M2

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
FLTC-P-1	ALT. RAW MATERIAL STORAGE PILE	1360A, PSDTX632M2
FP-ENG	FIRE PUMP ENGINE	106.511/09/04/2000
FP-TNK	FIRE PUMP DIESEL TANK	106.472/09/04/2000
GA-TANK1	GRINDING AID TANK 1	106.472/09/04/2000
GA-TANK2	GRINDING AID TANK 2	106.472/09/04/2000
IRN-P-1	ALT. RAW MATERIAL STORAGE PILE	1360A, PSDTX632M2
ME-0042	CATERPILLAR DIESEL GENERATOR (587 HP)	106.511/09/04/2000
P-20	9,500 GALLON DIESEL STORAGE TANK	106.478/09/04/2000
SYNGYP7-DROP	SYNTHETIC GYPSUM DROPS	1360A, PSDTX632M2
SYNGYP7-PILE	SYNTHETIC GYPSUM PILE	1360A, PSDTX632M2
TANK 1	GASOLINE STORAGE TANK 6,000 GAL	106.478/09/04/2000
TANK 4	TANK 4 - DIESEL FUEL STORAGE TANK 15,000 GAL	106.478/09/04/2000
TANK2	DIESEL STORAGE TANK (12,000 GAL)	106.472/09/04/2000
TANKA	ENGINE OIL TANK	106.472/09/04/2000
TANKB	HYDRAULIC OIL TANK	106.472/09/04/2000
TANKC	30W TRANSMISSION FLUID TANK	106.472/09/04/2000
TANKD	COOLANT TANK	106.472/09/04/2000
WB-P-1	ALT. RAW MATERIAL STORAGE PILE	1360A, PSDTX632M2
WD-P-1	ALT. SOLID FUEL STORAGE PILE	1360A, PSDTX632M2

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

**Appendix A**

**Acronym List ..... 158**

## Acronym List

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

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



**Appendix B**

<b>Major NSR Summary Table .....</b>	<b>160</b>
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**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E1-7	Raw Material Storage Pile	PM	0.10	0.44	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.05	0.22			
		PM <sub>2.5</sub>	0.01	0.03			
E1-11	Raw Material Storage Pile	PM	0.05	0.22	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.11			
		PM <sub>2.5</sub>	<0.01	0.02			
E1-12	Quarry Dozing Operations (6)	PM	4.82	12.93	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	3.56	9.42			
		PM <sub>2.5</sub>	3.56	9.42			
E1-24	Primary Crusher (6)	PM	0.17	0.32	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.08	0.15			
		PM <sub>2.5</sub>	0.01	0.02			
E1-25	Transfer Point No. 1 (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.04	0.07			
		PM <sub>2.5</sub>	0.01	0.01			
E1-26	Transfer Point No. 2 (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.04	0.07			
		PM <sub>2.5</sub>	0.01	0.01			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E1-27	Secondary Crusher (6)	PM	0.29	0.54	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.13	0.24			
		PM <sub>2.5</sub>	0.02	0.05			
E1-28	Overland Conveyor Diverter Drop (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.04	0.07			
		PM <sub>2.5</sub>	0.01	0.01			
E1-29	Limestone Storage Dome Drops (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.04	0.07			
		PM <sub>2.5</sub>	0.01	0.01			
E1-30	Underground Belt Feeder Drop (6)	PM	0.24	1.07	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.24	1.07			
		PM <sub>2.5</sub>	0.04	0.16			
E1-31	Raw Bins Baghouse	PM	0.75	3.29	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.75	3.29			
		PM <sub>2.5</sub>	0.11	0.50			
E1-31A	Limestone Transfer Baghouse	PM	1.14	4.97	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	1.14	4.97			
		PM <sub>2.5</sub>	0.17	0.75			
E1-32	Sand, Drop to Hopper (6)	PM	0.02	0.02	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E1-32A	Sand Belt Transfer (6)	PM	0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
E1-32B	Iron/Sand Belt Weigh Feeder Drop (6)	PM	0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
E1-33	Overland Conveyor Transfer No. 3 (6)	PM	0.08	0.14	2, 12	2, 12, 25, 26, 27, 29	2
		PM <sub>10</sub>	0.04	0.07			
		PM <sub>2.5</sub>	0.01	0.01			
E1-34	Overland Conveyor Transfer No. 4 (6)	PM	0.08	0.14	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.04	0.07			
		PM <sub>2.5</sub>	0.01	0.01			
E1-35	Raw Material Storage Pile	PM	0.02	0.11	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.05			
		PM <sub>2.5</sub>	<0.01	0.01			
E1-36	Raw Material Storage Pile	PM	0.02	0.11	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.05			
		PM <sub>2.5</sub>	<0.01	0.01			
E2-7	Blending Silo Baghouse	PM	0.97	4.23	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.97	4.23			
		PM <sub>2.5</sub>	0.15	0.64			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E2-7A	Blending Silo Discharge Baghouse	PM	0.59	2.59	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.59	2.59			
		PM <sub>2.5</sub>	0.09	0.39			
E2-7B	Preheater Tower Pneumatic Feed Baghouse	PM	0.79	3.47	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.79	3.47			
		PM <sub>2.5</sub>	0.12	0.53			
E2-10A	CKD Drop from Truck (6)	PM	<0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
E2-10C	CKD Bin Baghouse	PM	0.32	1.40	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.32	1.40			
		PM <sub>2.5</sub>	0.05	0.21			
E2-10D	Kiln Dust to Scrubber Baghouse	PM	0.16	0.69	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.16	0.69			
		PM <sub>2.5</sub>	0.02	0.10			
E2-10F	CKD Drop to Truck (6)	PM	<0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
E2-11A	Dust Bin Baghouse	PM	0.48	2.11	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.48	2.11			
		PM <sub>2.5</sub>	0.07	0.32			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E2-11B	Lime Silo Baghouse	PM	0.24	1.03	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.24	1.03			
		PM <sub>2.5</sub>	0.04	0.16			
E2-13P	Raw Material Storage Pile	PM	0.37	1.64	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.19	0.82			
		PM <sub>2.5</sub>	0.03	0.12			
E2-14A	Loader Drop to Grizzly Screen	PM	0.18	0.09	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.09	0.05			
		PM <sub>2.5</sub>	0.01	0.01			
E2-17	Iron Feed System Hopper (6)	PM	0.08	0.06	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.04	0.03			
		PM <sub>2.5</sub>	0.01	<0.01			
E2-18P	Raw Material Storage Pile	PM	0.06	0.27	2, 12	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.03	0.14			
		PM <sub>2.5</sub>	<0.01	0.02			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E2-22	Kiln No. 5 Main Stack	NO <sub>x</sub> (7)	681.25	2725.00	1, 2, 16, 18, 20, 35	2, 16, 18, 20 25, 26, 27, 28, 29, 34, 35	2, 16, 18, 20 30
		SO <sub>2</sub> (8)	332.25	1329.00			
		CO (8)	500.00	1020.10			
		PM	69.24	267.77			
		PM <sub>10</sub>	69.24	267.77			
		PM <sub>2.5</sub>	53.67	225.41			
		HCl (7)	27.39	107.97			
		H <sub>2</sub> SO <sub>4</sub>	33.23	103.68			
		VOC (7)	19.06	67.10			
		TRS (incl. H <sub>2</sub> S)	2.26	9.90			
		Hg (7)	0.13	0.51			
		Pb	0.01	0.04			
E3-2	No. 3 Tunnel Baghouse (9)	PM	0.19	0.82	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.19	0.82			
		PM <sub>2.5</sub>	0.03	0.12			
E3-3	No. 2 Tunnel Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.37	1.63			
		PM <sub>2.5</sub>	0.06	0.25			
E3-5	No. 1 Tunnel Baghouse (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.15	0.65			
		PM <sub>2.5</sub>	0.02	0.10			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-6	700 Pan Conveyor Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.37	1.63			
		PM <sub>2.5</sub>	0.06	0.25			
E3-10	Additive Silos Conveyor Drop (6) (9)	PM	0.41	1.78	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.41	1.78			
		PM <sub>2.5</sub>	0.06	0.27			
E3-11	707 Belt Tail Pulley (9)	PM	0.28	1.22	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.28	1.22			
		PM <sub>2.5</sub>	0.04	0.19			
E3-12	Reclaim Belt Baghouse (6) (9)	PM	0.22	0.98	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.22	0.98			
		PM <sub>2.5</sub>	0.03	0.15			
E3-14	Fly Ash Silo Baghouse (9)	PM	0.15	0.64	2, 14	2, 14, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.15	0.64			
		PM <sub>2.5</sub>	0.02	0.10			
E3-15	South Clinker Group No. 4 Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	0.37	1.63			
		PM <sub>2.5</sub>	0.06	0.25			
E3-16	Finish Mill No. 1 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	2.16	9.46			
		PM <sub>2.5</sub>	0.33	1.43			



**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-17	Finish Mill No. 2 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	2.16	9.46			
		PM <sub>2.5</sub>	0.33	1.43			
E3-18	Finish Mill No. 3 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	2.16	9.46			
		PM <sub>2.5</sub>	0.33	1.43			
E3-19	Finish Mill No. 4 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2. 36
		PM <sub>10</sub>	2.16	9.46			
		PM <sub>2.5</sub>	0.33	1.43			
E3-20	Finish Mill No. 5 Feed Baghouse	PM	0.19	0.82	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.19	0.82			
		PM <sub>2.5</sub>	0.03	0.12			
E3-21	Finish Mill No. 5 Baghouse	PM	0.72	3.16	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.72	3.16			
		PM <sub>2.5</sub>	0.11	0.48			
E3-22	780 Head Pulley Baghouse	PM	0.19	0.82	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.19	0.82			
		PM <sub>2.5</sub>	0.03	0.12			
E3-23	Lower Reclaim Belt Baghouse (9)	PM	0.22	0.98	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.22	0.98			
		PM <sub>2.5</sub>	0.03	0.15			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-24	Stacker Belt Sec. 2 Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.37	1.63			
		PM <sub>2.5</sub>	0.06	0.25			
E3-25	FM No. 6 Transfer Tower Baghouse	PM	0.27	1.17	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.27	1.17			
		PM <sub>2.5</sub>	0.04	0.18			
E3-25-5	No. 5 Finish Mill Fringe Bin	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.15	0.65			
		PM <sub>2.5</sub>	0.02	0.10			
E3-31	Finish Tunnel No. 4 Baghouse Stack (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.15	0.65			
		PM <sub>2.5</sub>	0.02	0.10			
E3-32	No. 4 Feeder Baghouse Stack (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.15	0.65			
		PM <sub>2.5</sub>	0.02	0.10			
E3-33	Clinker Barn West Baghouse	PM	0.28	1.22	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.28	1.22			
		PM <sub>2.5</sub>	0.04	0.19			
E3-33A	Clinker Outhaul to FM No. 6 Baghouse (9)	PM	0.25	1.11	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.25	1.11			
		PM <sub>2.5</sub>	0.04	0.17			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-34	Surge Collector Baghouse (9)	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.56	2.45			
		PM <sub>2.5</sub>	0.08	0.37			
E3-35	Head Pulley 700 Pan Baghouse (9)	PM	0.07	0.33	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.07	0.33			
		PM <sub>2.5</sub>	0.01	0.05			
E3-37	Nos. 9-10 Clinker Silo Baghouse (9)	PM	0.74	3.26	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.74	3.26			
		PM <sub>2.5</sub>	0.11	0.49			
E3-38	Clinker Barn East Tunnel	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.56	2.45			
		PM <sub>2.5</sub>	0.08	0.37			
E3-41	East Clinker Door Baghouse	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.56	2.45			
		PM <sub>2.5</sub>	0.08	0.37			
E3-42	West Clinker Door Baghouse	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.56	2.45			
		PM <sub>2.5</sub>	0.08	0.37			
E3-43A	No. 1 Finish Mill Feed Belt Cartridge (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.15	0.65			
		PM <sub>2.5</sub>	0.02	0.10			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-45	Raw Material Storage Pile	PM	0.04	0.16	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.08			
		PM <sub>2.5</sub>	<0.01	0.01			
E3-50	Additive Hopper, Drop Fugitive (6)(9)	PM	0.02	0.02	2, 13	2, 13, 26, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.01	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
E3-51	Additive Hopper, Drop to Belt (6) (9)	PM	0.02	0.02	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.01	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
E3-51A	Additive Drop to Hopper (6) (9)	PM	0.05	0.07	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM <sub>10</sub>	0.02	0.04			
		PM <sub>2.5</sub>	<0.01	0.01			
E3-52	Pan Conveyor Baghouse	PM	0.54	2.38	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.54	2.38			
		PM <sub>2.5</sub>	0.08	0.36			
E3-52A	Clinker Discharge Baghouse	PM	0.32	1.40	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.32	1.40			
		PM <sub>2.5</sub>	0.05	0.21			
E3-53	Clinker Belt Transfer Baghouse	PM	0.51	2.22	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.51	2.22			
		PM <sub>2.5</sub>	0.08	0.34			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-54	Finish Mill No. 6 Bins Baghouse	PM	1.56	6.82	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	1.56	6.82			
		PM <sub>2.5</sub>	0.24	1.03			
E3-55	Finish Mill No. 6 Baghouse	PM	5.76	25.23	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	2.88	12.61			
		PM <sub>2.5</sub>	0.44	1.91			
E3-57	Finish Mill No. 6 Cement Baghouse	PM	0.10	0.44	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.10	0.44			
		PM <sub>2.5</sub>	0.02	0.07			
E3-58	New Clinker Barn Exit Belt Dust Collector Stack	PM	0.25	1.10	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.25	1.10			
		PM <sub>2.5</sub>	0.04	0.17			
E3-61	New FM#6 Cement Transfer Line to Group 1 Silos Dust Collector Stack	PM	0.45	1.99	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.45	1.99			
		PM <sub>2.5</sub>	0.07	0.30			
E3-62	New FM#6 Cement Transfer Line to Group 3 Silos Dust Collector Stack	PM	0.45	1.99	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.45	1.99			
		PM <sub>2.5</sub>	0.07	0.30			
E4-1	Finish Silo Group No. 4 Baghouse	PM	0.65	2.84	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.65	2.84			
		PM <sub>2.5</sub>	0.10	0.43			

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Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E4-2	Finish Silo Group No. 4 Baghouse	PM	0.65	2.84	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.65	2.84			
		PM <sub>2.5</sub>	0.10	0.43			
E4-3	Finish Silo Group No. 3 Baghouse	PM	0.18	0.79	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.18	0.79			
		PM <sub>2.5</sub>	0.03	0.12			
E4-4	Silo Group 3 Baghouse Stack	PM	0.24	1.04	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.24	1.04			
		PM <sub>2.5</sub>	0.04	0.16			
E4-5	Finish Silo Group No. 2 Baghouse	PM	0.43	1.90	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.43	1.90			
		PM <sub>2.5</sub>	0.07	0.29			
E4-7	Finish Silo Group No. 1 Baghouse	PM	0.22	0.95	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.22	0.95			
		PM <sub>2.5</sub>	0.03	0.14			
E4-8	Finish Silo Group No. 1 Baghouse	PM	0.12	0.51	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.12	0.51			
		PM <sub>2.5</sub>	0.02	0.08			
E4-9	Rail Loading Baghouse	PM	0.03	0.14	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.03	0.14			
		PM <sub>2.5</sub>	<0.01	0.02			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E4-10	Rail System Baghouse	PM	0.38	1.66	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.38	1.66			
		PM <sub>2.5</sub>	0.06	0.25			
E4-11	Rail Loading No. 3 Baghouse	PM	0.12	0.52	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.12	0.52			
		PM <sub>2.5</sub>	0.02	0.08			
E4-12	FM No. 6 Transfer Baghouse	PM	0.45	1.97	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.45	1.97			
		PM <sub>2.5</sub>	0.07	0.30			
E4-13	Truck Loadout Baghouse	PM	0.05	0.22	2, 13	2, 13, 25, 27, 28, 29	2
		PM <sub>10</sub>	0.05	0.22			
		PM <sub>2.5</sub>	0.01	0.03			
E4-16	Truck Loadout No. 2 Baghouse	PM	0.31	1.34	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.31	1.34			
		PM <sub>2.5</sub>	0.05	0.20			
E4-17	Truck Loadout No.1 Baghouse	PM	0.31	1.34	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.31	1.34			
		PM <sub>2.5</sub>	0.05	0.20			
E4-18	Truck Loading Baghouse	PM	0.31	1.34	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.31	1.34			
		PM <sub>2.5</sub>	0.05	0.20			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E4-19	Packhouse Elevator Baghouse	PM	0.20	0.87	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.20	0.87			
		PM <sub>2.5</sub>	0.03	0.13			
E4-21	Masonry Rail Loadout	PM	0.03	0.14	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.03	0.14			
		PM <sub>2.5</sub>	<0.01	0.02			
E4-22	Truck Loadout Baghouse	PM	0.27	1.18	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.27	1.18			
		PM <sub>2.5</sub>	0.04	0.18			
E4-23	Finish Silo Group No. 3 Baghouse Stack	PM	0.22	0.95	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.22	0.95			
		PM <sub>2.5</sub>	0.03	0.14			
E4-24	No. 5 Bin Baghouse	PM	0.25	1.11	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.25	1.11			
		PM <sub>2.5</sub>	0.04	0.17			
E4-26	No. 6 Bin Baghouse	PM	0.25	1.11	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.25	1.11			
		PM <sub>2.5</sub>	0.04	0.17			
E4-28	No. 3 Load-out Spout Baghouse	PM	0.18	0.79	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.18	0.79			
		PM <sub>2.5</sub>	0.03	0.12			



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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E6-1	Coal Drop from Railcar to Rail Hopper (6)	PM	0.12	0.11	2	2, ,25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.06	0.06			
		PM <sub>2.5</sub>	0.01	0.01			
E6-2	Coal Drop from Rail Hopper to Belt (6)	PM	0.12	0.11	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.06	0.06			
		PM <sub>2.5</sub>	0.01	0.01			
E6-4	Solid Fuel Storage Pile (6)	PM	0.10	0.44	2	2, ,25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.05	0.22			
		PM <sub>2.5</sub>	0.01	0.03			
E6-9	Coal Loader Drop to Hopper (6)	PM	0.07	0.11	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.04	0.06			
		PM <sub>2.5</sub>	<0.01	0.01			
E6-10	Coal Crusher (6)	PM	0.03	0.04	2	2, ,25 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.02			
		PM <sub>2.5</sub>	<0.01	<0.01			
E6-15	Coal Drop to Belt	PM	0.03	0.04	2	2, ,25 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.02			
		PM <sub>2.5</sub>	<0.01	<0.01			
E6-18	Coal Drop to Stacker Belt (6)	PM	0.05	0.04	2	2, ,25 26, 27, 28, 29	2
		PM <sub>10</sub>	0.03	0.02			
		PM <sub>2.5</sub>	<0.01	<0.01			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E6-27	Solid Fuel Conveyor Diverter Baghouse	PM	0.48	2.11	2	2, ,25 26, 27, 28, 29	2
		PM <sub>10</sub>	0.48	2.11			
		PM <sub>2.5</sub>	0.07	0.32			
E6-28	Solid Fuel Mill Bin Baghouse	PM	0.12	0.52	2	2, ,25 26, 27, 28, 29	2
		PM <sub>10</sub>	0.12	0.52			
		PM <sub>2.5</sub>	0.02	0.08			
E6-31	Coal Fines Bin Baghouse	PM	0.01	0.06	2	2, ,25 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	<0.01	0.01			
E7-01	Gypsum Hopper Drop (6)	PM	0.03	0.03	2	2, 12,25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-01A	Additive Hopper	PM	0.07	0.07	2	2, 12,25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.03	0.03			
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-02	Gypsum Hopper Dust Collector Stack	PM	0.26	1.15	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.26	1.15			
		PM <sub>2.5</sub>	0.04	0.17			
E7-02A	Additive Hopper Dust Collector Stack	PM	0.22	0.97	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.22	0.97			
		PM <sub>2.5</sub>	0.03	0.15			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E7-04	Clinker Bin A & B Dust Collector Stack	PM	0.12	0.53	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.12	0.53			
		PM <sub>2.5</sub>	0.02	0.08			
E7-05	Clinker Bin A & B Discharge Dust Collector Stack	PM	0.15	0.68	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.15	0.68			
		PM <sub>2.5</sub>	0.02	0.10			
E7-05A	Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.15	0.68			
		PM <sub>2.5</sub>	0.02	0.10			
E7-05B	Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.15	0.68			
		PM <sub>2.5</sub>	0.02	0.10			
E7-05C	Additive Bin 4 – Weighfeeder and FM7 Feed Belt Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.15	0.68			
		PM <sub>2.5</sub>	0.02	0.10			
E7-06	LS/Gypsum Bin Dust Collector Stack	PM	0.17	0.75	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.17	0.75			
		PM <sub>2.5</sub>	0.03	0.11			
E7-07	Limestone Bin Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.15	0.68			
		PM <sub>2.5</sub>	0.02	0.10			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E7-07A	Additive Bin 4 – Top Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.15	0.68			
		PM <sub>2.5</sub>	0.02	0.10			
E7-09	CKD Bin Vent Receiving from Kiln #5 Dust Collector Stack	PM	0.18	0.80	2	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.18	0.80			
		PM <sub>2.5</sub>	0.03	0.12			
E7-09A	CKD from Kiln #5 Transfer Tower Dust Collector Stack	PM	0.18	0.80	2	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.18	0.80			
		PM <sub>2.5</sub>	0.03	0.12			
E7-10	Finish Mill No. 7 Material Feed Dust Collector Stack (mill feed and recirc)	PM	0.13	0.59	2	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.13	0.59			
		PM <sub>2.5</sub>	0.02	0.09			
E7-10A	Mill Recirculation Circuit Dust Collector Stack	PM	0.05	0.24	2	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.05	0.24			
		PM <sub>2.5</sub>	0.01	0.04			
E7-11	Finish Mill No. 7 Dust Collector Stack	PM	7.73	33.84	2, 13, 17, 21	2, 13, 17, 21, 25, 26, 27, 28, 29	2, 17, 21, 30
		PM <sub>10</sub>	7.73	33.84			
		PM <sub>2.5</sub>	2.05	8.97			
E7-12	Finish Mill No. 7 Airslides/Bucket Elevator Dust Collector Stack	PM	0.17	0.74	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.17	0.74			
		PM <sub>2.5</sub>	0.03	0.11			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E7-13	Finish Mill No. 7 Airslides/Cement Coolers Dust Collector Stack	PM	0.12	0.52	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.12	0.52			
		PM <sub>2.5</sub>	0.02	0.08			
E7-15	Cement Silo 1 Dust Collector Stack	PM	0.12	0.53	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.12	0.53			
		PM <sub>2.5</sub>	0.02	0.08			
E7-16	Cement Silo 2 Dust Collector Stack	PM	0.48	2.10	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.48	2.10			
		PM <sub>2.5</sub>	0.07	0.32			
E7-17	Cement Silo 3 Dust Collector Stack	PM	0.12	0.53	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.12	0.53			
		PM <sub>2.5</sub>	0.02	0.08			
E7-18	Cement Silo 1 Truck Loadout A Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-19	Cement Silo 1 Truck Loadout B Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-20	Cement Silo 2 Truck Loadout A Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.06			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-21	Cement Silo 2 Truck Loadout B Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-22	Cement Silo 3 Truck Loadout A Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-23	Cement Silo 3 Truck Loadout B Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	<0.01	<0.01			
E7-24	Limestone/Gypsum/Additive Pile (6)	PM	0.05	0.23	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.03	0.11			
		PM <sub>2.5</sub>	<0.01	0.02			
SYNGYP7	Synthetic Gypsum Storage Pile (includes 5 drop points) (6)	PM	0.02	0.07	2	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	<0.01	0.01			
ALTF-1	Alt. Solid Fuels Truck Drop to Hopper (6)	PM	0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTF-2	Alt. Solid Fuels Screw Drop to Alt Fuel Belt 1 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTF-3	Alt. Solid Fuels Belt 1 Drop to Belt 2 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTF-4	Alt. Solid Fuels Belt 2 Drop to Belt 3 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTF-5	Alt. Solid Fuels Belt 3 Drop to Tower Hopper Screws (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTF-6	Alt. Solid Fuels Hopper Screws to Belt 4 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTF-7	Alt. Solid Fuels Belt 4 Drop to Belt 5 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTF-8	Alt. Solid Fuels Belt 5 Drop to Feed Screw (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	<0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTM-1	Alternate Raw Material Loader Drop to Hopper (6)	PM	0.03	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	<0.01			

**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM <sub>2.5</sub>	<0.01	<0.01			
ALTM-2	Alternate Raw Material Hopper Drop to Belt (6)	PM	0.03	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.01	<0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
BIO-P-1	Alt. Solid Fuels Storage Pile	PM	0.04	0.18	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.09			
		PM <sub>2.5</sub>	<0.01	0.01			
CAT-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.09			
		PM <sub>2.5</sub>	<0.01	0.01			
CKDL-2	CKD Pile	PM	0.15	0.65	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.07	0.33			
		PM <sub>2.5</sub>	0.01	0.05			
FLTC-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.09			
		PM <sub>2.5</sub>	<0.01	0.01			
IRN-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.09			
		PM <sub>2.5</sub>	<0.01	0.01			
WB-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.09			



**Major NSR Summary Table**

Permit Numbers: 1360A and PSDTX632M2					Issuance Date: January 20, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM <sub>2.5</sub>	<0.01	0.01			
WD-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2	2, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.02	0.09			
		PM <sub>2.5</sub>	<0.01	0.01			
MSSFUG	Inherently Low-Emitting Planned Maintenance Activities (6)	PM	1.47	1.25	2, 12, 20	2, 12, 25, 26, 27, 28, 29	2
		PM <sub>10</sub>	0.90	0.92			
		PM <sub>2.5</sub>	0.31	0.36			
		NO <sub>x</sub>	0.02	<0.01			
		CO	0.50	<0.01			
		SO <sub>2</sub>	0.01	0.01			
		VOC	1.45	<0.01			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented

PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

TRS - total reduced sulfur

H<sub>2</sub>S - hydrogen sulfide

HCl - hydrogen chloride

H<sub>2</sub>SO<sub>4</sub> - sulfuric acid

Hg - mercury

Pb - lead  
CKD - Cement Kiln Dust

- (4) Planned maintenance, startup, and shutdown (MSS) emissions are included.
- (5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (7) Compliance is based on a 30-day rolling average excluding periods of startup / shutdown.
- (8) Compliance is based on a 24-hr rolling average excluding periods of startup / shutdown.
- (9) Will be removed after installation of Finish Mill No. 7 and associated equipment.



## Texas Commission on Environmental Quality Air Quality Permit

*A Permit Is Hereby Issued To*  
**TXI Operations, LP**  
*Authorizing the Construction and Operation of*  
**Midlothian Cement Plant**  
*Located at Midlothian, Ellis County, Texas*  
*Latitude 32.463194 Longitude -97.02461*

Permits: 1360A, PSDTX632M1 and PSDTX632M2

Amendment Date: January 20, 2023

Expiration Date: April 9, 2029

A handwritten signature in black ink, reading "Brian E. Chamallo".

For the Commission

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

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

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

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

## Common Acronyms in Air Permits

°C = Temperature in degrees Celsius	GLCmax = maximum (predicted) ground-level concentration
°F = Temperature in degrees Fahrenheit	gpm = gallon per minute
°K = Temperature in degrees Kelvin	gr/1000scf = grain per 1000 standard cubic feet
µg = microgram	gr/dscf = grain per dry standard cubic feet
µg/m <sup>3</sup> = microgram per cubic meter	H <sub>2</sub> CO = formaldehyde
acfm = actual cubic feet per minute	H <sub>2</sub> S = hydrogen sulfide
AMOC = alternate means of control	H <sub>2</sub> SO <sub>4</sub> = sulfuric acid
AOS = alternative operating scenario	HAP = hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
AP-42 = Air Pollutant Emission Factors, 5th edition	HC = hydrocarbons
APD = Air Permits Division	HCl = hydrochloric acid, hydrogen chloride
API = American Petroleum Institute	Hg = mercury
APWL = air pollutant watch list	HGB = Houston/Galveston/Brazoria
BPA = Beaumont/ Port Arthur	hp = horsepower
BACT = best available control technology	hr = hour
BAE = baseline actual emissions	IFR = internal floating roof tank
bbl = barrel	in H <sub>2</sub> O = inches of water
bbl/day = barrel per day	in Hg = inches of mercury
bhp = brake horsepower	IR = infrared
BMP = best management practices	ISC3 = Industrial Source Complex, a dispersion model
Btu = British thermal unit	ISCST3 = Industrial Source Complex Short-Term, a dispersion model
Btu/scf = British thermal unit per standard cubic foot or feet	K = Kelvin; extension of the degree Celsius scaled-down to absolute zero
CAA = Clean Air Act	LACT = lease automatic custody transfer
CAM = compliance-assurance monitoring	LAER = lowest achievable emission rate
CEMS = continuous emissions monitoring systems	lb = pound
cfm = cubic feet (per) minute	lb/day = pound per day
CFR = Code of Federal Regulations	lb/hr = pound per hour
CN = customer ID number	lb/MMBtu = pound per million British thermal units
CNG = compressed natural gas	LDAR = Leak Detection and Repair (Requirements)
CO = carbon monoxide	LNG = liquefied natural gas
COMS = continuous opacity monitoring system	LPG = liquefied petroleum gas
CPMS = continuous parametric monitoring system	LT/D = long ton per day
DFW = Dallas/ Fort Worth (Metroplex)	m = meter
DE = destruction efficiency	m <sup>3</sup> = cubic meter
DRE = destruction and removal efficiency	m/sec = meters per second
dscf = dry standard cubic foot or feet	MACT = maximum achievable control technology
dscfm = dry standard cubic foot or feet per minute	MAERT = Maximum Allowable Emission Rate Table
ED = (TCEQ) Executive Director	MERA = Modeling and Effects Review Applicability
EF = emissions factor	mg = milligram
EFR = external floating roof tank	mg/g = milligram per gram
EGU = electric generating unit	mL = milliliter
EI = Emissions Inventory	MMBtu = million British thermal units
ELP = El Paso	MMBtu/hr = million British thermal units per hour
EPA = (United States) Environmental Protection Agency	MSDS = material safety data sheet
EPN = emission point number	MSS = maintenance, startup, and shutdown
ESL = effects screening level	MW = megawatt
ESP = electrostatic precipitator	NAAQS = National Ambient Air Quality Standards
FCAA = Federal Clean Air Act	NESHAP = National Emission Standards for Hazardous Air Pollutants
FCCU = fluid catalytic cracking unit	NGL = natural gas liquids
FID = flame ionization detector	NNSR = nonattainment new source review
FIN = facility identification number	NO <sub>x</sub> = total oxides of nitrogen
ft = foot or feet	NSPS = New Source Performance Standards
ft/sec = foot or feet per second	
g = gram	
gal/wk = gallon per week	
gal/yr = gallon per year	
GLC = ground level concentration	

PAL = plant-wide applicability limit  
PBR = Permit(s) by Rule  
PCP = pollution control project  
PEMS = predictive emission monitoring system  
PID = photo ionization detector  
PM = periodic monitoring  
PM = total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> = particulate matter equal to or less than 2.5 microns in diameter  
PM<sub>10</sub> = total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
POC = products of combustion  
ppb = parts per billion  
ppm = parts per million  
ppmv = parts per million (by) volume  
psia = pounds (per) square inch, absolute  
psig = pounds (per) square inch, gage  
PTE = potential to emit  
RA = relative accuracy  
RATA = relative accuracy test audit  
RM = reference method  
RVP = Reid vapor pressure  
scf = standard cubic foot or feet  
scfm = standard cubic foot or feet (per) minute  
SCR = selective catalytic reduction  
SIL = significant impact levels  
SNCR = selective non-catalytic reduction  
SO<sub>2</sub> = sulfur dioxide  
SOCMI = synthetic organic chemical manufacturing industry  
SRU = sulfur recovery unit  
TAC = Texas Administrative Code  
TCAA = Texas Clean Air Act  
TCEQ = Texas Commission on Environmental Quality  
TD = Toxicology Division  
TLV = threshold limit value  
TMDL = total maximum daily load  
tpd = tons per day  
tpy = tons per year  
TVP = true vapor pressure  
VOC = volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
VRU = vapor recovery unit or system

## **Special Conditions**

Permit Numbers 1360A and PSDTX632M2

1. This permit covers only those sources of emissions listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates;" as those sources are limited to the emission limits and other conditions specified in that attached table. In addition to the emissions from routine operations, this permit authorizes emissions from planned maintenance, startup, and shutdown (MSS) activities, and those emissions shall comply with the limits specified in the Maximum Allowable Emission Rates Table (MAERT). The annual rates are based on a rolling 12-month period.
  - A. Upon request by the Executive Director of the TCEQ or local agency, the permittee shall perform ambient air monitoring or other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere.
  - B. Records required by this permit shall be recorded in a form suitable for inspection and made available upon request by the TCEQ and any local air pollution control programs. Scheduled and unscheduled maintenance performed shall comply with 30 TAC §§ 101.201 and 101.211, and these records shall be made available for inspection by the TCEQ and any local air pollution program having jurisdiction. Records shall be maintained on-site, at minimum, for a rolling five-year period.
  - C. To the extent practicable, the permittee shall physically identify and mark in a conspicuous location all equipment that has the potential of emitting air contaminants as follows:
    - (1) The facility identification numbers as submitted to the Emissions Assessment Section of the TCEQ.
    - (2) The emission point numbers (EPNs) as listed on the attached MAERT.
  - D. At the request of the Executive Director of the TCEQ or designated representative, the permittee shall provide an analysis of any fuel listed in Special Condition No. 5 or alternative raw material listed in Special Condition No. 6. The permittee shall allow the Executive Director of the TCEQ or designated representative to obtain samples of these materials for analysis upon request.

## **Federal and State Applicability**

2. These facilities shall comply with all applicable requirements of the following regulations:
  - A. The U.S. Environmental Protection Agency (EPA) Standards of Performance for New Stationary Sources (NSPS) promulgated in Title 40 Code of Federal Regulations (40 CFR) Part 60:
    - (1) Subpart A – General Provisions;
    - (2) Subpart F - Portland Cement Plants; includes Kiln No. 5 (E2-22), Finish Mill No. 6, raw material and clinker storage, roller mills, and clinker cooler;
    - (3) Subpart Kb - Volatile Organic Liquid Storage Vessels; includes storage tanks in the storage and unloading area.;
    - (4) Subpart Y - Coal Preparation Plants; includes the coal processing and conveying equipment (including breaker and/or crusher), coal storage systems, and coal transfer and loading systems;

- (5) Subpart OOO - Nonmetallic Mineral Processing Plants; includes the overland conveyor system and handling of all raw materials from the quarry operations to entry of the kiln system.
- B. The EPA regulations on National Emission Standards for Hazardous Air Pollutants (NESHAPS) for Source Categories promulgated in 40 CFR 63:
  - (1) Subpart A – General Provisions; includes Kiln No. 5;
  - (2) Subpart LLL – Portland Cement Manufacturing Industry; includes Kiln No. 5
  - (3) The facilities proposed for construction in the March 10, 1998, permit application have been reviewed for maximum achievable control technology (MACT) in accordance with 30 TAC Chapter 116, Subchapter E. The conditions of this permit and MACT requirements support the determination of compliance with the MACT requirements. If the EPA subsequently promulgates a MACT standard applicable to these facilities which is less stringent than the determination made during the review of this permit, the requirements of this permit shall apply.
- C. The Texas Commission on Environmental Quality (TCEQ) regulations in Title 30 Texas Administrative Code (30 TAC) Chapter 117, Subchapter E, Division 2 - Cement Kilns; Kiln 5.
- D. If any condition of this permit is more stringent than the regulations so incorporated, then for the purposes of compliance, the permit shall govern and be the standard by which compliance shall be demonstrated.
- E. The permit amendment issued June 30, 2011 is conditioned on the permanent shutdown and rendering inoperable of Cement Kilns/Clinker Coolers No. 1 through 4.

#### **Kiln Emission Standards, Fuel and Raw Material Specifications**

- 3. During normal operations, stack emissions shall not exceed the following:

- A. Concentration limits:

Pollutant	Kiln 5 (EPN E2-22) Limit	Averaging Period
NO <sub>x</sub>	1.95 lb/ton clinker	30 day rolling average Excluding periods of planned startup and shutdown
SO <sub>2</sub>	1.33 lb/ton clinker	
VOC	0.06 lb/ton clinker	
CO	1.6 lb/ton clinker	

- B. The limits in the above table do not apply during initial and planned maintenance activities. Planned maintenance activities include scheduled events that occur after the completion of



initial construction, major repairs, and other similar circumstances. During these periods, the facility shall comply with the emissions limits in the MAERT.

The limits in the above table do not apply during periods of startup or shutdown activities, as defined in Special Condition No. 19. During these periods, the facility shall comply with the emissions limits in the MAERT.

4. Filterable PM must not exceed the below outlet grain loading (as represented): **(01/23)**

EPN	Outlet Grain Limit
E2-22 (Kiln 5)	0.006 gr/dscf
E3-55 (Finish Mill)	0.00137 gr / actual cubic foot
E1-30, E1-31A, E2-7A, E2-10C, E2-10D, E2-11A, E2-11B, E3-3, E3-5, E3-10, E3-12, E3-14, E3-15, E3-23, E3-24, E3-25-5, E3-31, E3-32, E3-34, E3-35, E3-37, E3-41, E3-42, E3-43A, E3-52, E3-52A, E3-53, E3-54, E3-57, E4-4, E4-23, E6-27, E6-28, E6-31	0.01 gr/dscf
E1-31, E2-7, E2-7B, E3-2, E3-6, E3-11, E3-20, E3-21, E3-22, E3-24A E3-25, E3-33, E3-38, E3-58, E3-61, E3-62, E4-1, E4-2, E4-3, E4-5, E4-7, E4-8, E4-9, E4-10, E4-11, E4-12, E4-13, E4-16, E4-17, E4-18, E4-19, E4-21, E4-22, E4-24, E4-26, E4-28, E7-02, E7-02A, E7-04, E7-05, E7-05A, E7-05B, E7-05C, E7-06, E7-07, E7-07A, E7-09, E7-09A, E7-10, E7-10A, E7-11, E7-12, E7-13, E7-15, E7-16, E7-17, E7-18, E7-19, E7-20, E7-21, E7-22, E7-23	0.005 gr/dscf

5. Fuels fired in the main burner and precalciner of Kiln No. 5 are authorized as follows:
- A. Pipeline-quality, sweet natural gas containing no more than 5.0 grains of sulfur per 100 dscf;
  - B. Coal, petroleum coke, or tire-derived fuel, either whole tires or tire chips;
  - C. Alternative fuels, subject to Special Condition No. 7, as follows.
    - (1) Solid fuels, as described in Section 2.3.3 of the August, 2010 permit amendment application and Section 1.2 of the May, 2013 permit amendment application for creosoted wood; including:
      - (a) process engineered fuels;
      - (b) wood by-products, including creosoted wood;
      - (c) biomass;
      - (d) oil filter fluff; and

- (e) metal shredder fluff that does not contain PCBs, as documented by certification obtained from the supplier that the fluff was obtained solely from products manufactured after July 2, 1979.
  - (2) Liquid fuels, as described in Section 2.3.4 of the August, 2010 permit amendment application.
  - (3) Gaseous fuels, as described in Section 2.3.5 of the August, 2010 permit amendment application.
  - (F) No hazardous waste, as defined by the Resource Conservation and Recovery Act (RCRA) and the rules implementing that Act, may be fired in the kiln or precalciner.
- 6. Alternate raw ingredients, as described in Section 2.4 of the August, 2010 permit amendment application, subject to Special Condition No. 7, are authorized as follows.
  - A. Aluminum-containing materials, including spent catalysts and filter materials.
  - B. Calcium-containing materials, including lime and limestone-based filter cakes.
  - C. Gypsum-containing materials, including wallboard.
  - D. Iron-containing materials, including rusts and scales.
  - E. No hazardous waste, as defined by the RCRA and the rules implementing that Act, may be used as an alternate raw ingredient in the manufacture of Portland cement.
- 7. The alternate fuels listed in Special Condition No. 5 and the alternate raw ingredients listed in Special Condition No. 6 must meet the following conditions:
  - A. The alternate fuel or ingredients shall serve the same basic function as the fuel or ingredient replaced, and the emissions shall be emitted from the same location as the replaced fuel or material emissions.
  - B. The maximum kiln system input rate and stack emission rate for each trace metal shall not exceed the rates identified in the August, 2010 permit amendment application, as updated June 29, 2011 on the table titled, "100% Worst Case Theoretical Fuels Combination with Worst Case Alternate Materials."
  - C. The use of any alternate fuel or ingredient shall not result in an increase in total emissions or an increase in toxicity from any emission point covered by Special Condition No. 1 over those set forth in the August 2010 permit amendment application, as updated.
  - D. The use of any alternate fuel or ingredient containing trace metals not represented or not evaluated as part of the August 2010 permit amendment application will require an amendment to this permit.
- 8. Opacity of emissions from Kiln No. 5 during normal operations must not exceed 10% and during MSS activities 20%, averaged over a six-minute period. Compliance with these limits is determined by using the methods identified in Special Condition No. 20.M.
- 9. The clinker production rate of Kiln No. 5 shall not exceed 2,800,000 tons of clinker per year.

### **Fugitive Dust Sources**

#### **10. Paved and Unpaved Roads**

- A. The roadways of this facility shall comply with 30 TAC § 111.147.
- B. A street sweeper and other mobile equipment shall pick up debris from the plant roads and dump inside an enclosed structure. A front-end loader shall pick up the dust and debris from this structure and load it onto trucks for disposal. The contents of the truck shall be controlled as necessary to prevent emissions during transit.
- C. Plant roads shall be controlled as represented in Tables 4.2 and 4.3 of the March 10, 1998, permit application. Current copies of these tables shall be kept with this permit. All roads shall be paved and either water sprinkled or swept, and quarry roads shall be sprinkled with water and/or treated with dust suppressant chemicals to control the emission of dust.

#### **11. Solid Fuel Handling**

- A. Solid fuel (including coal and petroleum coke) stockpiles shall be sprayed with water and/or chemicals as necessary to control fugitive dust emissions to minimize fugitive dust emissions.
- B. Compliance with MAERT emission limits from solid fuel crushing (EPN 6-10) is based on a maximum of 150 tons per hour and 490,000 tons per year of coal crushed.
- C. Water spray systems, reduced fall, full enclosures, and/or other abatement devices, as represented in Table Nos. 4.1 through 4.4 and Appendix E of the March 10, 1998, permit application shall be operated, as necessary, to minimize fugitive dust emissions at the coal crusher, rail dump hopper, coal bin, weigh feeder, surge bin, coal mill, and all subsequent material transfer and drop points. Current copies of these tables shall be kept with the permit.

#### **12. Raw Material Handling**

- A. Compliance with MAERT emission limits is based on a maximum of 1,600 tons per hour and 6,000,000 tons per year of limestone and shale crushed.
- B. Opacity of emissions from any transfer point on belt conveyors must not exceed 5% averaged over a six-minute period except for those periods described in 30 TAC § 111.111(a)(1)(E).
- C. Opacity of emissions from the Primary and Secondary Crushers (EPNs E1-24 and E1-27) must not exceed 5% averaged over a six-minute period except for those periods described in 30 TAC § 101.201 and 101.211.
- D. Sprays of foamable wetting agents and/or water sprays shall be installed at the grizzly feeder that precedes the crusher inlet at the outlet of the crusher, and at all conveyor drop points except the final conveyor drop point which empties into the raw material storage and blending building. These sprays of wetting agents and/or water sprays at the grizzly feeder and at the crusher outlet shall be operated at all times while the crusher is operating. The sprays of wetting agent/water installed at material transfer points shall be operated as necessary to achieve maximum control of dust emissions.
- E. Fixed conveyors shall be covered and transfer/drop points shall be enclosed.

- F. Water spray systems, reduced fall, full enclosures, and/or other abatement devices, as represented in Tables Nos. 4.1 through 4.4 and Appendix E of the March 10, 1998 permit application shall be operated, as necessary, to minimize fugitive dust emissions associated with handling limestone, shale, sand, and iron component raw materials. Current copies of these tables shall be kept with the permit.
- G. The drop points identified as E7-01, and SYNGYP7-1 through SYNGYP7-5 shall be partially enclosed. In addition, the drop points identified as EPNs SYNGYP7-1 through SYNGYP7-5 shall only handle moist material. **(01/23)**
- H. Outside storage piles of raw materials, including limestone, gypsum, additives, shale, sand, and iron components, shall be watered and/or treated with dust suppressant chemicals to achieve maximum control of dust emissions. **(7/19)**
- I. The synthetic gypsum storage pile (EPN SYNGYP7) shall be partially enclosed and only contain moist material. **(7/19)**

13. Clinker and Finished Product Handling

- A. Opacity of emissions from clinker handling facilities, additive handling facilities, finish mills, storage silos and loadouts shall not exceed 5% averaged over a six-minute period except for those periods described in 30 TAC § 101.211. **(7/19)**
- B. The loadout dust collector (EPNs E7-18 through E7-23) shall be installed under the cement loadout silos and vent within the structure under the silos. **(7/19)**
- C. The FM#6 Clinker Bin Discharge to New FM#5 Belt Dust Collector Stack (EPN E3-60) shall be installed within the FM#6 building. **(7/19)**
- D. The top of all conveyor belts shall be covered. All conveyor belt transfer points shall be enclosed. To the extent necessary to achieve compliance with opacity limits, these transfer points will either be vented to a dust collector or equipped with a water spray. The dust collectors or water sprays shall be operated as necessary to achieve compliance with the opacity limits.
- E. Outgoing railroad cars and trucks used in transporting cement and clinkers shall be cleaned and maintained as necessary to minimize fugitive emissions. Dust emissions from cement loading into trucks or railcars shall be controlled with a self-sealing shroud at the loading point and venting of the displaced air to the fabric filter.

14. Miscellaneous Fugitive Requirements

- A. Material collected by air pollution abatement equipment which is not returned to the process shall be disposed of on-site in a manner that minimizes any emissions in transit and prevents any emissions after disposal. A water sprinkler system or water truck shall be used to control dust emissions from any baghouse dust disposed of in on-site landfills.
- B. All hoods, ducts, and collection systems shall be effective in preventing fugitive emissions. Compliance with this condition shall be determined by EPA Test Method 22 with no visible emissions persisting for more than one six-minute period in a half-hour.
- C. As determined by a trained observer, no visible emissions shall leave the plant site. If this condition is violated, further controls shall be installed and/or implemented as required to limit visible emissions.

- D. The CKD landfill (EPN CKDL-2) shall be sprayed with water or dust suppressant chemicals with an installed area type water/suppressant spray or a dedicated truck upon detection of visible particulate matter emissions to maintain compliance with all applicable TCEQ rules and regulations.

#### Initial Determination of Compliance

15. Sampling ports and platform(s) shall be incorporated into the design of the Kiln No. 5 stack according to the specifications set forth in "Chapter 2, Stack Sampling Facilities." Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Director.
16. Within 180 days of start-up of Kiln No. 5, the permittee shall perform stack sampling and other required testing to establish the actual pattern and quantities of NO<sub>x</sub>, carbon monoxide (CO), SO<sub>2</sub>, sulfuric acid mist (H<sub>2</sub>SO<sub>4</sub>), total hydrocarbons, and front- and back-half PM and PM equal to or less than 10 microns in diameter. The sampling must be performed within 10% of the maximum proposed production rate with the raw mill operating.

Additionally, sampling within 10% of the maximum production rate shall be performed for SO<sub>2</sub> and H<sub>2</sub>SO<sub>4</sub> with the raw mill down. Sampling must be conducted in accordance with appropriate procedures of the TCEQ Sampling Procedures Manual and in accordance with EPA Test Methods. The permittee is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at its expense.

- A. The TCEQ Dallas/Fort Worth Regional Office shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling (or on a timeline approved by the TCEQ Regional Office) 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 forms for recording pertinent data, and to review the format and procedures for submitting the test reports.

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

Test waivers and alternate/equivalent procedure proposals for New Source Performance Standards (NSPS) testing which must have the EPA approval shall be submitted to the TCEQ Austin Air Permits Division.

- B. The deadlines for the sampling specified above may be extended. Requests for additional time to perform sampling shall be submitted to the TCEQ Dallas/Fort Worth Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 requires the EPA approval, and requests shall be submitted to the TCEQ Austin Air Permits Division.

- C. Primary operating parameters that enable determination of production rate shall be monitored and recorded during the stack test. These parameters are to be recorded, at a minimum, once every 15 minutes and shall be reported on an hourly average basis. In addition, operating parameters for the abatement equipment shall be recorded during each testing scenario. Parameters include the outlet temperature of the regenerative thermal oxidizer and corresponding stack exit temperature; the pH and density of the scrubber liquid; the recirculation, concentration, and absorbent flow rates to the scrubber; and pressure differential across the main and alkali bypass baghouses and their respective cleaning cycles.
  - D. Copies of each sampling report shall be forwarded to the TCEQ within 90 days after sampling is completed unless an extension is granted by the TCEQ Regional Office. Sampling reports shall comply with the enclosed provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:
    - One copy to the TCEQ Dallas/Fort Worth Regional Office.
    - One copy to the EPA Region 6 Office, Dallas.
17. To demonstrate compliance with the MAERT and with emission performance levels as specified in the special conditions, the holder of this permit shall perform stack sampling and/or other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the Finish Mill No. 7 Dust Collector Stack (EPN E7-11). Air contaminants to be tested for include (but are not limited to) PM, PM<sub>10</sub>, and PM<sub>2.5</sub>. Sampling shall be accomplished within 60 days of achieving maximum production but not later than 180 days after initial startup. Sampling must be conducted in accordance with the TCEQ *Guidelines for Stack Sampling Facilities* and in accordance with the applicable EPA 40 CFR procedures. Any deviations from those procedures must be approved by the TCEQ Executive Director prior to sampling. **(7/19)**
- A. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at their own expense. Sampling ports and platforms shall be incorporated into the design of the stack(s) according to the specifications set forth in the TCEQ "Guidelines for Stack Sampling Facilities" prior to stack sampling. Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Office with jurisdiction.
  - B. A pretest meeting shall be held with personnel from the TCEQ before the required tests are performed. The TCEQ Regional Office with jurisdiction shall be notified 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) Points or sources to be sampled;
    - (4) Name of firm conducting sampling;
    - (5) Type of sampling equipment to be used; and
    - (6) 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.

- C. Alternate sampling methods and representative unit testing may be proposed by the permit holder. A written proposed description of any deviation from sampling procedures or emission sources specified in permit conditions or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. Such a proposal must be approved by the TCEQ Regional Office with jurisdiction at least two weeks prior to sampling.
  - D. Requests to waive testing for any pollutant specified shall be submitted, in writing, for approval to the TCEQ Office of Air, Air Permits Division in Austin.
  - E. During stack sampling emission testing, the facilities shall operate at maximum represented production rates. Primary operating parameters that enable determination of production rates shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting.
  - F. If the plant is unable to operate at the maximum represented production rates during testing, then additional stack testing shall be required when the production rate exceeds the previous stack test production rate by +10 percent unless otherwise determined, in writing, by the TCEQ Executive Director.
  - G. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office with jurisdiction. Additional time to comply with the applicable federal requirements requires EPA approval, and requests shall be submitted to the TCEQ Regional Office with jurisdiction.
  - H. 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 Regional Office with jurisdiction.
    - One copy to the TCEQ Office of Air, Air Permits Division in Austin.
    - One copy to each appropriate local air pollution control program with jurisdiction.
  - I. If, as a result of stack sampling, compliance with the permitted emission rates cannot be demonstrated, the holder of this permit shall adjust any operating parameters so as to comply with Special Condition No. 1 and the permitted emission rates.
  - J. If the holder of this permit is required to adjust any operating parameters for compliance, then beginning no later than 60 days after the date of the test conducted, the holder of this permit shall submit to the TCEQ, on a monthly basis, a record of adjusted operating parameters and daily records of production sufficient to demonstrate compliance with the permitted emission rates. Daily records of production and operating parameters shall be distributed as follows:
    - One copy to the TCEQ Regional Office with jurisdiction.
    - One copy to the TCEQ Office of Air, Air Permits Division in Austin.
18. Any Authorized Unit Covered by this Permit and Listed on the MAERT.
- A. If sampling of stacks or process vents is required, the permittee shall contact the TCEQ Air Permits Division prior to sampling to obtain the proper data forms and procedures. The permittee is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. All sampling and testing

procedures must be approved by the Executive Director of the TCEQ and coordinated with the regional representatives of the Commission.

The TCEQ Dallas/Fort Worth Regional Office shall be notified at least 30 days prior to (or on a timeline approved by the TCEQ Regional Office) the initial start-up of new or modified facility units authorized by this permit and prior to any required monitoring or sampling in such a manner that a representative of the TCEQ may be present at the time of the initial start-up, monitoring, or sampling.

- B. Upon request by the Executive Director of the TCEQ, the permittee shall conduct sufficient sampling or other tests to prove satisfactory equipment performance. All calibration, sampling, and testing procedures shall be approved by the Executive Director of the TCEQ and coordinated with the TCEQ Dallas/Fort Worth Regional Office representatives.
- C. It shall be the responsibility of the permittee to demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of this permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the TCEQ Executive Director prior to their use in fulfilling any requirements of the permit.

#### **Opacity Compliance**

- 19. For demonstration of compliance with opacity requirements for sources without COMS/CPMS, observations for visible emissions shall be performed:
  - A. By first observing for visible emissions while each source is in operation. Monthly ten-minute visible emissions observations shall be made in accordance with Method 22 of Appendix A-7 in 40 CFR Part 60. If no visible emissions are observed in six consecutive monthly tests for the affected source, the permit holder may decrease the frequency of performance testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder shall resume performance testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, you may decrease the frequency of performance testing from semi-annually to annually for that affected source. If visible emissions are observed during any annual performance test, the owner or operator must resume performance testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.
  - B. If visible emissions are observed during any Method 22 performance test (40 CFR Part 60, Appendix A-7), the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 (40 CFR Part 60, Appendix A-4). The Method 9 performance test must begin within 1 hour of any observation of visible emissions if the source is not removed from service.

#### **Demonstration of Continuous Compliance**

- 20. The permittee shall install, calibrate, operate, and maintain a COMS or CPMS for opacity and a continuous emissions monitoring system (CEMS) to monitor the in-stack concentrations of SO<sub>2</sub>,



NO<sub>x</sub>, THC, and CO from the Kiln No. 5 stack. The permittee shall install, calibrate, and maintain a continuous flow rate sensor to measure and record the exhaust flow rate in the kiln stack.

- A. Each CEMS/COMS/CPMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements, the data analysis, and reporting requirements specified in the applicable Performance Specifications Nos. 1 through 9, Title 40 Code of Federal Regulation Part 60 (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 Air, Air Permits Division for requirements to be met.
- B. Section 1 below applies to sources subject to the quality-assurance requirements of 40 CFR Part 60, Appendix F; section 2 applies to all other sources:
  - (1) The permit holder shall assure that each CEMS/COMS/CPMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, Procedure 1. Relative accuracy exceedances, as specified in 40 CFR Part 60, Appendix F, Section 5.2.3 and any CEMS/COMS/CPMS downtime shall be reported to the appropriate TCEQ Regional Manager as required in Special Condition No. 26, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Manager.
  - (2) 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 is not required on weekends and plant holidays if instrument technicians are not normally scheduled on those days.

Each monitor shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, Section 5.1.2, with the following exception: a relative accuracy test audit (RATA) is not required once every four quarters (i.e., four successive quarterly CGA may be conducted). An equivalent quality-assurance method approved by the TCEQ may also be used. Successive quarterly audits shall occur no closer than two months.

All CGA exceedances of +15 percent accuracy indicate that the CEMS is out of control.
- C. Each CEMS and flow rate sensor shall complete a minimum of one cycle of sampling, analyzing, and data recording for each successive 15-minute period. One-hour averages shall be computed from normally at least four, and a minimum of two, data points equally-spaced over each one-hour period.
- D. The COMS shall complete a minimum of one cycle of data recording for each successive ten-second period. Six-minute averages shall be computed from normally at least 36 and a minimum of 18 data points equally spaced over each six-minute period. Data recorded during periods of COMS breakdowns, repairs, calibration checks, and zero, and span adjustments shall not be included in the computed data averages.
- E. The CEMS data required by Special Condition No. 3 shall be reduced to units of the permit allowable emission rate in pounds per hour and pounds per ton clinker produced at least once every week.
- F. The TCEQ Regional Director shall be notified as soon as possible after the discovery of any COMS or CEMS malfunction, which is expected to result in more than 24-hours of lost data. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director in case of extended COMS or CEMS downtime.

- G. The TCEQ Dallas/Fort Worth Regional Office shall be notified at least seven days prior to the quarterly cylinder gas audit (CGA) required by Appendix F in order to provide the TCEQ staff the opportunity to observe the testing.
- H. The SO<sub>2</sub>, NO<sub>x</sub>, THC, and CO CEMS and the continuous flow rate sensor shall be used as a continuous emission rate monitoring system (CERMS) for SO<sub>2</sub>, NO<sub>x</sub>, THC, and CO to demonstrate continuous compliance with this permit.
- I. The THC CEMS shall be installed and the requirements specified in paragraph (1) of this condition shall be completed within six months after issuance of the October 2005 permit amendment to reduce operation of the regenerative thermal oxidizer.
- J. For purposes of demonstrating compliance with the SO<sub>2</sub> emission limits of Special Condition No. 3 and the MAERT, the permittee shall monitor the wet scrubber as follows:
  - (1) Uptime (in hours) as a percentage of kiln operating hours.
  - (2) Scrubbing liquid pH, density, and the power draw in kilowatts of the four scrubber recirculation pumps, recorded at least once per hour. During periods that the SO<sub>2</sub> CERMS is unable to provide a valid hourly emission rate, operating parameters must be maintained at levels that were previously shown by the CERMS to maintain compliance.
- K. Within 90 days of start-up of Kiln No. 5, the permittee will submit revised tables for all new and affected facilities which accurately represent the as-built specifications of the equipment proposed. This was provided by the permit holder in 2001, and approved by TCEQ Air Permits in November 2002.
- L. VOC/THC Continuous Compliance
  - (1) The permittee must control THC emissions to meet 40 CFR 63, Subpart LLL by operating the existing regenerative thermal oxidizer when Kiln 5 is in operation. THC compliance will be based on a 30-day rolling average.
  - (2) The THC CEMS requirements of this permit are applicable at all times Kiln 5 is in operation.
  - (3) As an indicator of compliance with the VOC emission limit in the MAERT and Special Condition No. 3, if the THC CEMS records emissions equivalent to 0.06 lb/ton clinker or greater on a 30 day rolling average, the permit holder shall use site specific VOC stack test results to determine a representative VOC fraction of THC to establish compliance with the VOC lb/hr and lb/ton clinker limit.
- M. The permit holder shall install, calibrate, operate, and maintain PM continuous parametric monitoring system (CPMS) to monitor and record the applicable site-specific operating parameters for the kiln (EPN E2-22) in accordance with 40 CFR Part 63, Subpart LLL and 40 CFR Part 60, Subpart F.

A PM continuous parametric monitoring system (CPMS) that has passed the initial certification requirements of 40 CFR Part 63, Subpart LLL may be used instead of a COMS. A site-specific relationship between PM emissions and opacity measurements shall be developed to establish a level of CPMS output that reliably corresponds to the required opacity in Special Condition No. 8. Compliance with such a CPMS level will be considered to demonstrate compliance with the opacity limit for the kiln stack; however, the TCEQ or permit holder may use EPA Test Method 9 to determine opacity at any time.

21. The holder of this permit shall monitor the Finish Mill No. 7 Dust Collector (EPN E7-11) according to the requirements of 40 CFR Part 63 Subpart LLL. **(7/19)**
  - A. The holder of this permit shall perform monthly inspections to verify proper operation of the capture system to verify there are no holes, cracks, and/or other conditions that would reduce the collection efficiency of the emission capture system as represented. If the results of the inspections indicate that the capture system is not operating properly, the permit holder shall promptly take necessary corrective actions.
  - B. The control device shall not have a bypass.
  - C. If a continuous monitoring system is installed for compliance with 40 CFR Part 63 Subpart LLL, during any periods of extended downtime (24 hours or more), the holder of this permit shall begin daily visible emission monitoring according to 40 CFR Part 63 Subpart LLL or notify the TCEQ Regional Office as soon as possible, but not later than 24 hours, after the discovery of any monitor malfunction that is expected to result in more than 24 hours of lost data. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director in case of extended monitor downtime. Necessary corrective action shall be taken if the downtime exceeds 5 percent of the operating hours in the quarter. Failure to complete any corrective action as directed by the TCEQ Regional Office may be deemed a violation of the permit.

#### **Planned Maintenance, Startup, and Shutdown**

22. The holder of this permit shall minimize emissions during planned MSS activities by operating the facility and associated air pollution control equipment in accordance with good air pollution control practices, safe operating practices, and protection of the facility.
23. Planned startup and shutdown activities associated with the kiln shall comply with the following definitions and requirements to minimize emissions:
  - A. A planned startup of the kiln is defined as the period starting when the kiln's induced draft fan is turned on and fuel is fired in the main burner and ending when feed is being continuously introduced into the kiln for at least 120 minutes or when the feed rate exceeds 320 tons per hour, whichever occurs first.
  - B. A planned shutdown of the kiln is defined as the period starting when feed to the kiln is halted and ending when continuous kiln rotation ceases. A planned shutdown process for the kiln is limited to 48 hours, although the time the kiln may remain shut down is not limited.
24. Compliance with the emissions limits for ILE planned maintenance activities identified in Attachment A of this permit shall be demonstrated as follows.
  - A. The total emissions from all ILE planned maintenance activities shall be considered to be no more than the estimated potential to emit for those activities that are represented in the MSS permit amendment application and subsequent associated submittals.
  - B. The permit holder shall annually confirm the continued validity of the estimated potential to emit as represented in the MSS permit amendment application and subsequent associated submittals. This confirmation is based on assessing whether there have been changes to maintenance activities during the previous year that may have increased the emissions resulting from such activities.

25. Emissions from planned startup and shutdown activities authorized by this permit shall be determined by the use of an appropriate method, including but not limited to any of following methods:
- A. Use of a CEMS. If emission concentrations measured by the CEMS during MSS activities exceed the maximum value of the range over which the CEMS is certified, additional information must be provided to justify the use of the CEMS data in the emission determination. The additional information may include use of default values that are shown to conservatively estimate the actual emissions.
  - B. Use of emission factors including but not limited to, facility-specific parameters, manufacturer's emission factors, and/or engineering knowledge of the facility's operations.
  - C. Use of emissions data measured (by a CEMS or during emissions testing) during the same type of planned MSS activity occurring at or on an identical or similar facility, and correlation of that data with the facility's relevant operating parameters, including, but not limited to, electric load, temperature, fuel input, and fuel sulfur content.
  - D. Use of emissions testing data collected during a planned maintenance activity occurring at or on the facility, and correlation of that data with the facility's relevant operating parameters, including, but not limited to, electric load, temperature, fuel input, and fuel sulfur content.

#### **Recordkeeping**

26. A copy of this permit, the August 7, 1995, renewal application, the March 10, 1998 amendment application, and all subsequent submittals pursuant to each application's technical review shall be kept at the plant site and made available at the request of personnel from the TCEQ or any air pollution control agency with jurisdiction.
27. A copy of the permit along with information and data sufficient to demonstrate compliance with the permit shall be maintained in a file at the plant site and made available at the request of personnel from the TCEQ or any air pollution control program having jurisdiction. Additional recordkeeping requirements may be specified in special conditions of this permit. Information in the file shall be retained for at least five years on a rolling retention basis following the date that the information or data is obtained.
28. The following records shall be made, maintained on-site on a rolling five-year retention basis, and made available upon request to the TCEQ or any air pollution control program having jurisdiction.
- A. Clinker production rates, in tons per hour, tons per day, daily summed on a 30-day rolling basis, and monthly summed on a 12-month rolling basis. Hourly and daily clinker production rates may be based on the previous months' feed-to-clinker ratio multiplied by the measured hourly/daily kiln feed rate, as specified in 40 CFR Subpart F, § 60.63(b).
  - B. Daily fuel consumption of coal, petroleum coke, tires, natural gas, and specific alternate fuels. Fuel consumption records shall be summed monthly.
  - C. Written analyses for all coal and petroleum coke from each supplier to show compliance with the petroleum coke metals content representations of the August, 2010 permit amendment application. Trace metal content may be verified by vendor-provided, on-site, or third-party analysis. Records for coal need only be updated if the supplier is changed.

- D. Fuel sulfur content for natural gas in grains per 100 dscf. A single vendor statement verifying compliance with the natural gas sulfur limits of this permit shall suffice in complying with this requirement. Fuel sulfur records for natural gas need only be updated if the supplier is changed.
- E. Daily amounts of raw material input to the kiln reported by type and in pounds per hour or tons per hour.
- F. Written analyses for all alternate fuels and raw materials from each supplier to show compliance with the trace metals maximum total input representations of the August, 2010 permit amendment application, as updated June 29, 2011. Trace metal content may be verified by vendor-provided, on-site, or third-party analysis. Records need only be updated if the supplier is changed.
- G. Malfunctions of any air pollution abatement systems.
- H. Documentation of air pollution control equipment maintenance and repair.
- I. Continuous emission monitoring data for opacity, flow rate, CO, NO<sub>x</sub>, SO<sub>2</sub>, and THC from the CEMS to demonstrate compliance with the emission rates listed in the MAERT and performance standards listed in this permit. Data retention at intervals less than one hour is not required. Records should identify the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, maintenance and malfunction, along with the justification for excluding data. Records should also identify factors used in calculations that are used to demonstrate compliance with emissions limits and performance standards. Recordkeeping in units of daily lbs of pollutant per ton of clinker produced shall commence within 90 days of the permit amendment authorizing alternate fuels.
- J. Records of visible emission observations as specified in Special Condition No. 19 and records of compliance with opacity requirements in Special Condition Nos. 8 and 12-14.
- K. Records of COMS or CPMS data as specified in Special Condition Nos. 4, 8, and 20.
- L. Raw Material Handling
  - (1) Daily and annual throughput records for limestone, shale, anhydrite, iron components, and any other clinker ingredients
  - (2) Preventative maintenance, scheduled maintenance, and repair maintenance performed, showing compliance with 30 TAC § 101.211.
  - (3) Malfunctions in the process or any air pollution abatement equipment.
- M. Clinker and Cement Handling System
  - (1) Daily tons of clinker, gypsum, anhydrite, or other materials milled or blended to produce finished cement.
  - (2) Preventative maintenance, scheduled maintenance, and repair maintenance performed, showing compliance with 30 TAC § 101.211.
  - (3) Malfunctions in the process or any air pollution abatement equipment.
- N. Records of MSS, including the following, to demonstrate compliance with Special Condition Nos. 22-25 and the MAERT. Any additional recordkeeping to comply with this requirement does not need to begin until 180 days after issuance of the amendment that added this condition.

- (1) Records of startup and shutdown of the kiln, including the date, time, duration, and estimated emissions associated with those activities.
  - (2) Records of ILE planned maintenance activities and annual validations.
29. All monitoring data and support information as specified in 30 TAC § 122.144 shall be maintained at this facility site and made available at the request of personnel from the TCEQ or any other air pollution control program having jurisdiction. These records shall be retained for a rolling 60-month period. **(7/19)**

### Reporting

30. In addition to applicable NSPS reporting requirements, the permittee shall submit one copy of quarterly CEMS and COMS reports to the TCEQ Dallas/Fort Worth Regional Office in a format deemed acceptable by the TCEQ Regional Office. 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:
  - A. The date and duration of time from the commencement to the completion of an event which resulted in excess emissions of any pollutant.
  - B. The date and time of the commencement and completion of each specific time period of excess emissions within that event.
  - C. The total time duration of excess emissions.
  - D. The magnitude of the emissions, including the highest emission rate, and the average emission rate. All excess emissions shall be converted into the units of the permit. All conversion factors and equations shall be 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 or COMS 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 CEMS or COMS have not been inoperative, repaired, or adjusted, such information shall be stated in the report.
  - H. The total tons of SO<sub>2</sub>, NO<sub>x</sub>, THC, and CO emitted during the quarter and the total hours of kiln operation during the quarter shall be reported; and the total hours of raw mill operation during the quarter shall be maintained on-site and in a form suitable for inspection.
  - I. In addition to the other information required in this special condition, a summary of the excess emissions shall be reported as required by Subpart A of 40 CFR Part 60.
  - J. The reporting of excess emissions required by this condition does not relieve the permittee from notification requirements of emission events as required by 30 TAC § 101.201 or notification of scheduled maintenance as required by 30 TAC § 101.211.
  - K. Quarterly CGA reports and RATA pursuant to Appendix F of 40 CFR Part 60.

#### Additional Authorizations at the Site

31. The table below lists the maintenance-related sources or activities that are authorized by permits by rule (PBR) under 30 TAC Chapter 106, or as de minimis sources under 30 TAC § 116.119 and are listed here for reference purposes only. This list is not intended to be all-inclusive and can be altered at the site without modifications to this permit.

Source or Activity	Authorization
Application of aqueous detergents, surfactants, and other cleaning solutions containing not more than one percent of any organic compound by weight or containing not more than five percent of any organic compound with a vapor pressure less than 0.002 pounds per square inch absolute	De minimis
Lab sampling and analysis	De minimis
Manual applications of cleaning or stripping solutions or coatings for maintenance, including applications using brushes, cloth pads, sponges, droppers, tube dispensing equipment, or spray bottles and pump-up sprayers without aerosol propellants	De minimis
Office cleaning activities	De minimis
Yard work and landscaping	De minimis
Pesticides, insecticides, and fumigation	De minimis
Inorganic chemical usage	De minimis
Application of aerosol-propelled organic liquids using hand-held devices for maintaining equipment and other facilities where usage is no more than four aerosol cans or 64 ounces per day on a 12-month rolling average basis	De minimis
Application of lubricants (including greases and oils) without aerosol propellants	De minimis
Blast cleaning equipment using only water as the cleaning media	De minimis
Comfort air conditioning systems or comfort ventilation systems	De minimis
Refrigeration system repair	De minimis
Brazing, soldering, and welding	PBR § 106.227
Maintenance painting	PBR § 106.263
Enclosed and outdoor dry abrasive blasting	PBR § 106.263
Hand-held or manually operated equipment used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, surface grinding, or turning of ceramic art work, ceramic precision parts, leather, metals, plastics, fiber board, masonry, carbon, glass, graphite, or wood	PBR § 106.265
Solvent cleaning, parts degreaser	PBR § 106.454
Emergency engines and portable small engines, over 12 months on site, including startup and shutdown	PBR § 106.511
Sludge management	PBR § 106.532
Organic chemical usage for water treatment	PBR § 106.532

32. The table below lists production-related facilities or operations that are authorized by PBR under 30 TAC Chapter 106 or by Standard Permit (SP) under 30 TAC Chapter 116 and are listed here for reference purposes only. This list is not intended to be all inclusive and can be altered at the site without modifications to this permit. **(7/19)**

Source or Operation	Authorization	Registration No.
Portable Crusher	PBR § 106.142	41046
Storage Piles and Drops	PBR § 106.261	49617
Material Handling Equipment, Pug Mill	PBR § 106.261	50056
Clinker Loadout	PBR § 106.261	51232
Airslide in Silo Group 3	PBR § 106.261	51234
Transfer Points	PBR § 106.261	81823
Additive Transfer Points	PBR § 106.261	83073
Clinker Storage Pile	PBR § 106.261	83128
Solid Fuel Storage Pile	PBR § 106.261	88314
Reserve Clinker Pile, Portable Screen, Clinker Storage Pile	PBR § 106.261	91551
Dust Shuttling and CKD Transfer mode of operation	PBR §106.144, §106.261	149552
Alternate Fuels Handling System	PBR §106.262	153907

### Agreed Order

33. NO<sub>x</sub> RACT for Kiln No. 5 is 1.95 lb NO<sub>x</sub>/ton of clinker on a 30-day rolling average limit as set forth in Special Condition 3.A(1) of NSR Permit 1360A (PSDTX632M1), as issued by the Commission on December 7, 2015, which limit may not be modified to be greater than 1.95 lb NO<sub>x</sub>/ton of clinker on a 30-day rolling average, without an approved revised RACT determination in accordance with state and federal requirements for SIP revisions.
34. Compliance with the 30-day rolling average in Special Condition 3.A(1) shall be demonstrated by summing the hourly mass NO<sub>x</sub> emissions over the previous 30 day operating days, then dividing that sum by the total clinker production during the same period. An operating day means a 24-hour period beginning at 12:00 midnight during which the kiln produces clinker at any time, but does not include the hours of operation during initial and planned maintenance activities, startup or shutdown.
35. Hourly mass emissions of NO<sub>x</sub> from Kiln No. 5 are determined using a NO<sub>x</sub> CEMS and an exhaust flow rate monitor. The Kiln No. 5 NO<sub>x</sub> CEMS is subject the provisions in 30 TAC § 117.3140(b), which specifies compliance with 40 CFR Part 60 as follows: § 60.13; Appendix B, Performance Specification 2, for NO<sub>x</sub>; and audits in accordance with Section 5.1 of Appendix F, quality assurance procedures, except that a cylinder gas audit or relative accuracy audit may be performed in lieu of the annual relative accuracy test audit. The Kiln No. 5 stack exhaust flow rate monitor is subject to the provisions in 30 TAC § 117.3142(a)(2), which requires monitoring with a flow meter



that meets the specifications of 40 CFR Part 60, Appendix B, Performance Specification 6 or 40 CFR Part 75, Appendix A. The permittee monitors and records clinker production rates, in tons per hour, tons per day, daily summed on a 30-day rolling basis, and monthly summed on a 12-month rolling basis. Hourly and daily clinker production rates may be based on the previous month's feed-to-clinker ratio multiplied by the measured hourly/daily kiln feed rates, as specified in 40 CFR Subpart F, § 60.63(b). Records in units of lb NO<sub>x</sub>/ton of clinker produced are maintained on a 30-day rolling average as specified herein. The requirements of this paragraph shall not be modified without an approved revised RACT determination in accordance with state and federal requirements for SIP revisions. Nothing in this paragraph shall affect or prohibit the modification of monitoring and recordkeeping requirements not specified in this paragraph.

#### **Other Condition**

36. Once Finish Mill No. 7 and associated equipment has been installed and compliance is demonstrated according to Special Condition No. 17, the permit holder shall submit an alteration request to remove the emission points listed under footnote (9) in the MAERT and any references to those emission points in the special conditions, along with this special condition. **(7/19)**

Date: January 20, 2023

**Attachment A**

Permit Numbers 1360A and PSDTX632M2

Inherently Low Emitting Maintenance Activities

<b>Planned Maintenance Activity</b>	<b>VOC</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>PM</b>	<b>SO<sub>2</sub></b>
Vacuum truck solids loading				x	
Vacuum truck solids unloading				x	
Material handling system maintenance				x	
Material handling system maintenance (air guns)				x	
CEMS calibration		x	x		x
Lube oil maintenance	x				
Refractory maintenance operations				x	
Deslagging/descaling maintenance operations		x	x	x	
Gaseous fuel venting	x				
Miscellaneous particulate filter maintenance				x	
Kiln particulate filter maintenance				x	
Gasoline tank vessel maintenance	x				

Date: July 8, 2019

# Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 1360A and PSDTX632M2

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

## Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
E1-7	Raw Material Storage Pile	PM	0.10	0.44
		PM <sub>10</sub>	0.05	0.22
		PM <sub>2.5</sub>	0.01	0.03
E1-11	Raw Material Storage Pile	PM	0.05	0.22
		PM <sub>10</sub>	0.02	0.11
		PM <sub>2.5</sub>	<0.01	0.02
E1-12	Quarry Dozing Operations (6)	PM	4.82	12.93
		PM <sub>10</sub>	3.56	9.42
		PM <sub>2.5</sub>	3.56	9.42
E1-24	Primary Crusher (6)	PM	0.17	0.32
		PM <sub>10</sub>	0.08	0.15
		PM <sub>2.5</sub>	0.01	0.02
E1-25	Transfer Point No. 1 (6)	PM	0.08	0.14
		PM <sub>10</sub>	0.04	0.07
		PM <sub>2.5</sub>	0.01	0.01
E1-26	Transfer Point No. 2 (6)	PM	0.08	0.14
		PM <sub>10</sub>	0.04	0.07
		PM <sub>2.5</sub>	0.01	0.01
E1-27	Secondary Crusher (6)	PM	0.29	0.54
		PM <sub>10</sub>	0.13	0.24
		PM <sub>2.5</sub>	0.02	0.05
E1-28	Overland Conveyor Diverter Drop (6)	PM	0.08	0.14
		PM <sub>10</sub>	0.04	0.07
		PM <sub>2.5</sub>	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
E1-29	Limestone Storage Dome Drops (6)	PM	0.08	0.14
		PM <sub>10</sub>	0.04	0.07
		PM <sub>2.5</sub>	0.01	0.01
E1-30	Underground Belt Feeder Drop (6)	PM	0.24	1.07
		PM <sub>10</sub>	0.24	1.07
		PM <sub>2.5</sub>	0.04	0.16
E1-31	Raw Bins Baghouse	PM	0.75	3.29
		PM <sub>10</sub>	0.75	3.29
		PM <sub>2.5</sub>	0.11	0.50
E1-31A	Limestone Transfer Baghouse	PM	1.14	4.97
		PM <sub>10</sub>	1.14	4.97
		PM <sub>2.5</sub>	0.17	0.75
E1-32	Sand, Drop to Hopper (6)	PM	0.02	0.02
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	<0.01	<0.01
E1-32A	Sand Belt Transfer (6)	PM	0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
E1-32B	Iron/Sand Belt Weigh Feeder Drop (6)	PM	0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
E1-33	Overland Conveyor Transfer No. 3 (6)	PM	0.08	0.14
		PM <sub>10</sub>	0.04	0.07
		PM <sub>2.5</sub>	0.01	0.01
E1-34	Overland Conveyor Transfer No. 4 (6)	PM	0.08	0.14
		PM <sub>10</sub>	0.04	0.07
		PM <sub>2.5</sub>	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
E1-35	Raw Material Storage Pile	PM	0.02	0.11
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	<0.01	0.01
E1-36	Raw Material Storage Pile	PM	0.02	0.11
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	<0.01	0.01
E2-7	Blending Silo Baghouse	PM	0.97	4.23
		PM <sub>10</sub>	0.97	4.23
		PM <sub>2.5</sub>	0.15	0.64
E2-7A	Blending Silo Discharge Baghouse	PM	0.59	2.59
		PM <sub>10</sub>	0.59	2.59
		PM <sub>2.5</sub>	0.09	0.39
E2-7B	Preheater Tower Pneumatic Feed Baghouse	PM	0.79	3.47
		PM <sub>10</sub>	0.79	3.47
		PM <sub>2.5</sub>	0.12	0.53
E2-10A	CKD Drop from Truck (6)	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
E2-10C	CKD Bin Baghouse	PM	0.32	1.40
		PM <sub>10</sub>	0.32	1.40
		PM <sub>2.5</sub>	0.05	0.21
E2-10D	Kiln Dust to Scrubber Baghouse	PM	0.16	0.69
		PM <sub>10</sub>	0.16	0.69
		PM <sub>2.5</sub>	0.02	0.10
E2-10F	CKD Drop to Truck (6)	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	<0.01	<0.01
E2-11A	Dust Bin Baghouse	PM	0.48	2.11
		PM <sub>10</sub>	0.48	2.11
		PM <sub>2.5</sub>	0.07	0.32
E2-11B	Lime Silo Baghouse	PM	0.24	1.03
		PM <sub>10</sub>	0.24	1.03
		PM <sub>2.5</sub>	0.04	0.16
E2-13P	Raw Material Storage Pile	PM	0.37	1.64
		PM <sub>10</sub>	0.19	0.82
		PM <sub>2.5</sub>	0.03	0.12
E2-14A	Loader Drop to Grizzly Screen	PM	0.18	0.09
		PM <sub>10</sub>	0.09	0.05
		PM <sub>2.5</sub>	0.01	0.01
E2-17	Iron Feed System Hopper (6)	PM	0.08	0.06
		PM <sub>10</sub>	0.04	0.03
		PM <sub>2.5</sub>	0.01	<0.01
E2-18P	Raw Material Storage Pile	PM	0.06	0.27
		PM <sub>10</sub>	0.03	0.14
		PM <sub>2.5</sub>	<0.01	0.02
E2-22	Kiln No. 5 Main Stack	NO <sub>x</sub> (7)	681.25	2725.00
		SO <sub>2</sub> (8)	332.25	1329.00
		CO (8)	500.00	1020.10
		PM	69.24	267.77
		PM <sub>10</sub>	69.24	267.77
		PM <sub>2.5</sub>	53.67	225.41
		HCl (7)	27.39	107.97
		H <sub>2</sub> SO <sub>4</sub>	33.23	103.68

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		VOC (7)	19.06	67.10
		TRS (incl. H <sub>2</sub> S)	2.26	9.90
		Hg (7)	0.13	0.51
		Pb	0.01	0.04
E3-2	No. 3 Tunnel Baghouse (9)	PM	0.19	0.82
		PM <sub>10</sub>	0.19	0.82
		PM <sub>2.5</sub>	0.03	0.12
E3-3	No. 2 Tunnel Baghouse (9)	PM	0.37	1.63
		PM <sub>10</sub>	0.37	1.63
		PM <sub>2.5</sub>	0.06	0.25
E3-5	No. 1 Tunnel Baghouse (9)	PM	0.15	0.65
		PM <sub>10</sub>	0.15	0.65
		PM <sub>2.5</sub>	0.02	0.10
E3-6	700 Pan Conveyor Baghouse (9)	PM	0.37	1.63
		PM <sub>10</sub>	0.37	1.63
		PM <sub>2.5</sub>	0.06	0.25
E3-10	Additive Silos Conveyor Drop (6) (9)	PM	0.41	1.78
		PM <sub>10</sub>	0.41	1.78
		PM <sub>2.5</sub>	0.06	0.27
E3-11	707 Belt Tail Pulley (9)	PM	0.28	1.22
		PM <sub>10</sub>	0.28	1.22
		PM <sub>2.5</sub>	0.04	0.19
E3-12	Reclaim Belt Baghouse (6) (9)	PM	0.22	0.98
		PM <sub>10</sub>	0.22	0.98
		PM <sub>2.5</sub>	0.03	0.15
E3-14	Fly Ash Silo Baghouse (9)	PM	0.15	0.64
		PM <sub>10</sub>	0.15	0.64

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.02	0.10
E3-15	South Clinker Group No. 4 Baghouse (9)	PM	0.37	1.63
		PM <sub>10</sub>	0.37	1.63
		PM <sub>2.5</sub>	0.06	0.25
E3-16	Finish Mill No. 1 Baghouse Stack (9)	PM	2.16	9.46
		PM <sub>10</sub>	2.16	9.46
		PM <sub>2.5</sub>	0.33	1.43
E3-17	Finish Mill No. 2 Baghouse Stack (9)	PM	2.16	9.46
		PM <sub>10</sub>	2.16	9.46
		PM <sub>2.5</sub>	0.33	1.43
E3-18	Finish Mill No. 3 Baghouse Stack (9)	PM	2.16	9.46
		PM <sub>10</sub>	2.16	9.46
		PM <sub>2.5</sub>	0.33	1.43
E3-19	Finish Mill No. 4 Baghouse Stack (9)	PM	2.16	9.46
		PM <sub>10</sub>	2.16	9.46
		PM <sub>2.5</sub>	0.33	1.43
E3-20	Finish Mill No. 5 Feed Baghouse	PM	0.19	0.82
		PM <sub>10</sub>	0.19	0.82
		PM <sub>2.5</sub>	0.03	0.12
E3-21	Finish Mill No. 5 Baghouse	PM	0.72	3.16
		PM <sub>10</sub>	0.72	3.16
		PM <sub>2.5</sub>	0.11	0.48
E3-22	780 Head Pulley Baghouse	PM	0.19	0.82
		PM <sub>10</sub>	0.19	0.82
		PM <sub>2.5</sub>	0.03	0.12
E3-23	Lower Reclaim Belt Baghouse (9)	PM	0.22	0.98
		PM <sub>10</sub>	0.22	0.98



Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.03	0.15
E3-24	Stacker Belt Sec. 2 Baghouse (9)	PM	0.37	1.63
		PM <sub>10</sub>	0.37	1.63
		PM <sub>2.5</sub>	0.06	0.25
E3-24A	New BH at New Transfer Tower to FM5	PM	0.15	0.68
		PM <sub>10</sub>	0.15	0.68
		PM <sub>2.5</sub>	0.02	0.10
E3-25	FM No. 6 Transfer Tower Baghouse	PM	0.27	1.17
		PM <sub>10</sub>	0.27	1.17
		PM <sub>2.5</sub>	0.04	0.18
E3-25-5	No. 5 Finish Mill Fringe Bin	PM	0.15	0.65
		PM <sub>10</sub>	0.15	0.65
		PM <sub>2.5</sub>	0.02	0.10
E3-31	Finish Tunnel No. 4 Baghouse Stack (9)	PM	0.15	0.65
		PM <sub>10</sub>	0.15	0.65
		PM <sub>2.5</sub>	0.02	0.10
E3-32	No. 4 Feeder Baghouse Stack (9)	PM	0.15	0.65
		PM <sub>10</sub>	0.15	0.65
		PM <sub>2.5</sub>	0.02	0.10
E3-33	Clinker Barn West Baghouse	PM	0.28	1.22
		PM <sub>10</sub>	0.28	1.22
		PM <sub>2.5</sub>	0.04	0.19
E3-33A	Clinker Outhaul to FM No. 6 Baghouse (9)	PM	0.25	1.11
		PM <sub>10</sub>	0.25	1.11
		PM <sub>2.5</sub>	0.04	0.17
E3-33E	Transfer Tower Clinker Dust Collector Stack	PM	0.24	1.03
		PM <sub>10</sub>	0.24	1.03

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.04	0.16
E3-34	Surge Collector Baghouse (9)	PM	0.56	2.45
		PM <sub>10</sub>	0.56	2.45
		PM <sub>2.5</sub>	0.08	0.37
E3-35	Head Pulley 700 Pan Baghouse (9)	PM	0.07	0.33
		PM <sub>10</sub>	0.07	0.33
		PM <sub>2.5</sub>	0.01	0.05
E3-37	Nos. 9-10 Clinker Silo Baghouse (9)	PM	0.74	3.26
		PM <sub>10</sub>	0.74	3.26
		PM <sub>2.5</sub>	0.11	0.49
E3-38	Clinker Barn East Tunnel	PM	0.56	2.45
		PM <sub>10</sub>	0.56	2.45
		PM <sub>2.5</sub>	0.08	0.37
E3-41	East Clinker Door Baghouse	PM	0.56	2.45
		PM <sub>10</sub>	0.56	2.45
		PM <sub>2.5</sub>	0.08	0.37
E3-42	West Clinker Door Baghouse	PM	0.56	2.45
		PM <sub>10</sub>	0.56	2.45
		PM <sub>2.5</sub>	0.08	0.37
E3-43A	No. 1 Finish Mill Feed Belt Cartridge (9)	PM	0.15	0.65
		PM <sub>10</sub>	0.15	0.65
		PM <sub>2.5</sub>	0.02	0.10
E3-45	Raw Material Storage Pile	PM	0.04	0.16
		PM <sub>10</sub>	0.02	0.08
		PM <sub>2.5</sub>	<0.01	0.01
E3-50	Additive Hopper, Drop Fugitive (6)(9)	PM	0.02	0.02
		PM <sub>10</sub>	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	<0.01	<0.01
E3-51	Additive Hopper, Drop to Belt (6) (9)	PM	0.02	0.02
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	<0.01	<0.01
E3-51A	Additive Drop to Hopper (6) (9)	PM	0.05	0.07
		PM <sub>10</sub>	0.02	0.04
		PM <sub>2.5</sub>	<0.01	0.01
E3-52	Pan Conveyor Baghouse	PM	0.54	2.38
		PM <sub>10</sub>	0.54	2.38
		PM <sub>2.5</sub>	0.08	0.36
E3-52A	Clinker Discharge Baghouse	PM	0.32	1.40
		PM <sub>10</sub>	0.32	1.40
		PM <sub>2.5</sub>	0.05	0.21
E3-53	Clinker Belt Transfer Baghouse	PM	0.51	2.22
		PM <sub>10</sub>	0.51	2.22
		PM <sub>2.5</sub>	0.08	0.34
E3-54	Finish Mill No. 6 Bins Baghouse	PM	1.56	6.82
		PM <sub>10</sub>	1.56	6.82
		PM <sub>2.5</sub>	0.24	1.03
E3-55	Finish Mill No. 6 Baghouse	PM	5.76	25.23
		PM <sub>10</sub>	2.88	12.61
		PM <sub>2.5</sub>	0.44	1.91
E3-57	Finish Mill No. 6 Cement Baghouse	PM	0.10	0.44
		PM <sub>10</sub>	0.10	0.44
		PM <sub>2.5</sub>	0.02	0.07
E3-58	New Clinker Barn Exit Belt Dust Collector Stack	PM	0.25	1.10
		PM <sub>10</sub>	0.25	1.10

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.04	0.17
E3-61	New FM#6 Cement Transfer Line to Group 1 Silos Dust Collector Stack	PM	0.45	1.99
		PM <sub>10</sub>	0.45	1.99
		PM <sub>2.5</sub>	0.07	0.30
E3-62	New FM#6 Cement Transfer Line to Group 3 Silos Dust Collector Stack	PM	0.45	1.99
		PM <sub>10</sub>	0.45	1.99
		PM <sub>2.5</sub>	0.07	0.30
E4-1	Finish Silo Group No. 4 Baghouse	PM	0.65	2.84
		PM <sub>10</sub>	0.65	2.84
		PM <sub>2.5</sub>	0.10	0.43
E4-2	Finish Silo Group No. 4 Baghouse	PM	0.65	2.84
		PM <sub>10</sub>	0.65	2.84
		PM <sub>2.5</sub>	0.10	0.43
E4-3	Finish Silo Group No. 3 Baghouse	PM	0.18	0.79
		PM <sub>10</sub>	0.18	0.79
		PM <sub>2.5</sub>	0.03	0.12
E4-4	Silo Group 3 Baghouse Stack	PM	0.24	1.04
		PM <sub>10</sub>	0.24	1.04
		PM <sub>2.5</sub>	0.04	0.16
E4-5	Finish Silo Group No. 2 Baghouse	PM	0.43	1.90
		PM <sub>10</sub>	0.43	1.90
		PM <sub>2.5</sub>	0.07	0.29
E4-7	Finish Silo Group No. 1 Baghouse	PM	0.22	0.95
		PM <sub>10</sub>	0.22	0.95
		PM <sub>2.5</sub>	0.03	0.14
E4-8	Finish Silo Group No. 1 Baghouse	PM	0.12	0.51
		PM <sub>10</sub>	0.12	0.51

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.02	0.08
E4-9	Rail Loading Baghouse	PM	0.03	0.14
		PM <sub>10</sub>	0.03	0.14
		PM <sub>2.5</sub>	<0.01	0.02
E4-10	Rail System Baghouse	PM	0.38	1.66
		PM <sub>10</sub>	0.38	1.66
		PM <sub>2.5</sub>	0.06	0.25
E4-11	Rail Loading No. 3 Baghouse	PM	0.12	0.52
		PM <sub>10</sub>	0.12	0.52
		PM <sub>2.5</sub>	0.02	0.08
E4-12	FM No. 6 Transfer Baghouse	PM	0.45	1.97
		PM <sub>10</sub>	0.45	1.97
		PM <sub>2.5</sub>	0.07	0.30
E4-13	Truck Loadout Baghouse	PM	0.05	0.22
		PM <sub>10</sub>	0.05	0.22
		PM <sub>2.5</sub>	0.01	0.03
E4-16	Truck Loadout No. 2 Baghouse	PM	0.31	1.34
		PM <sub>10</sub>	0.31	1.34
		PM <sub>2.5</sub>	0.05	0.20
E4-17	Truck Loadout No.1 Baghouse	PM	0.31	1.34
		PM <sub>10</sub>	0.31	1.34
		PM <sub>2.5</sub>	0.05	0.20
E4-18	Truck Loading Baghouse	PM	0.31	1.34
		PM <sub>10</sub>	0.31	1.34
		PM <sub>2.5</sub>	0.05	0.20
E4-19	Packhouse Elevator Baghouse	PM	0.20	0.87
		PM <sub>10</sub>	0.20	0.87

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.03	0.13
E4-21	Masonry Rail Loadout	PM	0.03	0.14
		PM <sub>10</sub>	0.03	0.14
		PM <sub>2.5</sub>	<0.01	0.02
E4-22	Truck Loadout Baghouse	PM	0.27	1.18
		PM <sub>10</sub>	0.27	1.18
		PM <sub>2.5</sub>	0.04	0.18
E4-23	Finish Silo Group No. 3 Baghouse Stack	PM	0.22	0.95
		PM <sub>10</sub>	0.22	0.95
		PM <sub>2.5</sub>	0.03	0.14
E4-24	No. 5 Bin Baghouse	PM	0.25	1.11
		PM <sub>10</sub>	0.25	1.11
		PM <sub>2.5</sub>	0.04	0.17
E4-26	No. 6 Bin Baghouse	PM	0.25	1.11
		PM <sub>10</sub>	0.25	1.11
		PM <sub>2.5</sub>	0.04	0.17
E4-28	No. 3 Load-out Spout Baghouse	PM	0.18	0.79
		PM <sub>10</sub>	0.18	0.79
		PM <sub>2.5</sub>	0.03	0.12
E6-1	Coal Drop from Railcar to Rail Hopper (6)	PM	0.12	0.11
		PM <sub>10</sub>	0.06	0.06
		PM <sub>2.5</sub>	0.01	0.01
E6-2	Coal Drop from Rail Hopper to Belt (6)	PM	0.12	0.11
		PM <sub>10</sub>	0.06	0.06
		PM <sub>2.5</sub>	0.01	0.01
E6-4	Solid Fuel Storage Pile (6)	PM	0.10	0.44
		PM <sub>10</sub>	0.05	0.22

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.01	0.03
E6-9	Coal Loader Drop to Hopper (6)	PM	0.07	0.11
		PM <sub>10</sub>	0.04	0.06
		PM <sub>2.5</sub>	<0.01	0.01
E6-10	Coal Crusher (6)	PM	0.03	0.04
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	<0.01	<0.01
E6-15	Coal Drop to Belt	PM	0.03	0.04
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	<0.01	<0.01
E6-18	Coal Drop to Stacker Belt (6)	PM	0.05	0.04
		PM <sub>10</sub>	0.03	0.02
		PM <sub>2.5</sub>	<0.01	<0.01
E6-27	Solid Fuel Conveyor Diverter Baghouse	PM	0.48	2.11
		PM <sub>10</sub>	0.48	2.11
		PM <sub>2.5</sub>	0.07	0.32
E6-28	Solid Fuel Mill Bin Baghouse	PM	0.12	0.52
		PM <sub>10</sub>	0.12	0.52
		PM <sub>2.5</sub>	0.02	0.08
E6-31	Coal Fines Bin Baghouse	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	<0.01	0.01
E7-01	Gypsum Hopper Drop (6)	PM	0.03	0.03
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	<0.01	<0.01
E7-01A	Additive Hopper	PM	0.07	0.07
		PM <sub>10</sub>	0.03	0.03

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.01	0.01
E7-02	Gypsum Hopper Dust Collector Stack	PM	0.26	1.15
		PM <sub>10</sub>	0.26	1.15
		PM <sub>2.5</sub>	0.04	0.17
E7-02A	Additive Hopper Dust Collector Stack	PM	0.22	0.97
		PM <sub>10</sub>	0.22	0.97
		PM <sub>2.5</sub>	0.03	0.15
E7-04	Clinker Bin A & B Dust Collector Stack	PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53
		PM <sub>2.5</sub>	0.02	0.08
E7-05	Clinker Bin A & B Discharge Dust Collector Stack	PM	0.15	0.68
		PM <sub>10</sub>	0.15	0.68
		PM <sub>2.5</sub>	0.02	0.10
E7-05A	Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack	PM	0.15	0.68
		PM <sub>10</sub>	0.15	0.68
		PM <sub>2.5</sub>	0.02	0.10
E7-05B	Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack	PM	0.15	0.68
		PM <sub>10</sub>	0.15	0.68
		PM <sub>2.5</sub>	0.02	0.10
E7-05C	Additive Bin 4 - Weighfeeder and FM7 Feed Belt Dust Collector Stack	PM	0.15	0.68
		PM <sub>10</sub>	0.15	0.68
		PM <sub>2.5</sub>	0.02	0.10
E7-06	LS/Gypsum Bin Dust Collector Stack	PM	0.17	0.75
		PM <sub>10</sub>	0.17	0.75
		PM <sub>2.5</sub>	0.03	0.11
E7-07	Limestone Bin Dust Collector Stack	PM	0.15	0.68
		PM <sub>10</sub>	0.15	0.68



Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.02	0.10
E7-07A	Additive Bin 4 – Top Dust Collector Stack	PM	0.15	0.68
		PM <sub>10</sub>	0.15	0.68
		PM <sub>2.5</sub>	0.02	0.10
E7-09	CKD Bin Vent Receiving from Kiln #5 Dust Collector Stack	PM	0.18	0.80
		PM <sub>10</sub>	0.18	0.80
		PM <sub>2.5</sub>	0.03	0.12
E7-09A	CKD from Kiln #5 Transfer Tower Dust Collector Stack	PM	0.18	0.80
		PM <sub>10</sub>	0.18	0.80
		PM <sub>2.5</sub>	0.03	0.12
E7-10	Finish Mill No. 7 Material Feed Dust Collector Stack (mill feed and recirc)	PM	0.13	0.59
		PM <sub>10</sub>	0.13	0.59
		PM <sub>2.5</sub>	0.02	0.09
E7-10A	Mill Recirculation Circuit Dust Collector Stack	PM	0.05	0.24
		PM <sub>10</sub>	0.05	0.24
		PM <sub>2.5</sub>	0.01	0.04
E7-11	Finish Mill No. 7 Dust Collector Stack	PM	7.73	33.84
		PM <sub>10</sub>	7.73	33.84
		PM <sub>2.5</sub>	2.05	8.97
E7-12	Finish Mill No. 7 Airslides/Bucket Elevator Dust Collector Stack	PM	0.17	0.74
		PM <sub>10</sub>	0.17	0.74
		PM <sub>2.5</sub>	0.03	0.11
E7-13	Finish Mill No. 7 Airslides/Cement Coolers Dust Collector Stack	PM	0.12	0.52
		PM <sub>10</sub>	0.12	0.52
		PM <sub>2.5</sub>	0.02	0.08
E7-15	Cement Silo 1 Dust Collector Stack	PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	0.02	0.08
E7-16	Cement Silo 2 Dust Collector Stack	PM	0.48	2.10
		PM <sub>10</sub>	0.48	2.10
		PM <sub>2.5</sub>	0.07	0.32
E7-17	Cement Silo 3 Dust Collector Stack	PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53
		PM <sub>2.5</sub>	0.02	0.08
E7-18	Cement Silo 1 Truck Loadout A Dust Collector Stack	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
E7-19	Cement Silo 1 Truck Loadout B Dust Collector Stack	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
E7-20	Cement Silo 2 Truck Loadout A Dust Collector Stack	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
E7-21	Cement Silo 2 Truck Loadout B Dust Collector Stack	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
E7-22	Cement Silo 3 Truck Loadout A Dust Collector Stack	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
E7-23	Cement Silo 3 Truck Loadout B Dust Collector Stack	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
E7-24	Limestone/Gypsum/Additive Pile (6)	PM	0.05	0.23
		PM <sub>10</sub>	0.03	0.11

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	<0.01	0.02
SYNGYP7	Synthetic Gypsum Storage Pile (includes 5 drop points) (6)	PM	0.02	0.07
		PM <sub>10</sub>	0.01	0.03
		PM <sub>2.5</sub>	<0.01	0.01
ALTF-1	Alt. Solid Fuels Truck Drop to Hopper (6)	PM	0.01	0.02
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTF-2	Alt. Solid Fuels Screw Drop to Alt Fuel Belt 1 (6)	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTF-3	Alt. Solid Fuels Belt 1 Drop to Belt 2 (6)	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTF-4	Alt. Solid Fuels Belt 2 Drop to Belt 3 (6)	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTF-5	Alt. Solid Fuels Belt 3 Drop to Tower Hopper Screws (6)	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTF-6	Alt. Solid Fuels Hopper Screws to Belt 4 (6)	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTF-7	Alt. Solid Fuels Belt 4 Drop to Belt 5 (6)	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTF-8	Alt. Solid Fuels Belt 5 Drop to Feed Screw (6)	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	<0.01	<0.01
ALTM-1	Alternate Raw Material Loader Drop to Hopper (6)	PM	0.03	0.01
		PM <sub>10</sub>	0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ALTM-2	Alternate Raw Material Hopper Drop to Belt (6)	PM	0.03	0.01
		PM <sub>10</sub>	0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
BIO-P-1	Alt. Solid Fuels Storage Pile	PM	0.04	0.18
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	<0.01	0.01
CAT-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	<0.01	0.01
CKDL-2	CKD Pile	PM	0.15	0.65
		PM <sub>10</sub>	0.07	0.33
		PM <sub>2.5</sub>	0.01	0.05
FLTC-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	<0.01	0.01
IRN-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	<0.01	0.01
WB-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	<0.01	0.01
WD-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18
		PM <sub>10</sub>	0.02	0.09

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)	
			lbs/hour	TPY (5)
		PM <sub>2.5</sub>	<0.01	0.01
MSSFUG	Inherently Low-Emitting Planned Maintenance Activities (6)	PM	1.47	1.25
		PM <sub>10</sub>	0.90	0.92
		PM <sub>2.5</sub>	0.31	0.36
		NO <sub>x</sub>	0.02	<0.01
		CO	0.50	<0.01
		SO <sub>2</sub>	0.01	0.01
		VOC	1.45	<0.01

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- TRS - total reduced sulfur
- H<sub>2</sub>S - hydrogen sulfide
- HCl - hydrogen chloride
- H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
- Hg - mercury
- Pb - lead
- CKD - Cement Kiln Dust
- (4) Planned maintenance, startup, and shutdown (MSS) emissions are included.
- (5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (7) Compliance is based on a 30-day rolling average excluding periods of startup / shutdown.
- (8) Compliance is based on a 24-hr rolling average excluding periods of startup / shutdown.
- (9) Sources will be removed after installation of Finish Mill No. 7 and associated equipment.

Date: January 20, 2023