TV Tracking # 996 (Semi-Annual)

1. ☐ RECEIVED IN ENFORCEMENT: 07/29/2022

Lehigh Hanson
HEIDELBERGCEMENT Group

**Lehigh Southwest Cement Company**
**Permanente Plant**
24001 Stevens Creek Boulevard
Phone (408) 996-4000
Fax (408) 725-1019
www.lehighcement.com

July 29, 2022

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
Attn: Title V Reports

**RE: Semi-Annual Monitoring Report January 1, 2022, through June 30, 2022 Facility #: A0017**

Dear Sir or Madam:

The Semi-Annual Monitoring Report (SAMR) for Lehigh Southwest Cement Company's (Lehigh's) Cupertino Facility Number A0017 is enclosed with this letter. The SAMR is required to be submitted to the Bay Area Air Quality Management District (BAAQMD) by July 31, 2022, for the reporting period of January 1, 2022 through June 30, 2022.[1]

**FUGITIVE DUST CONTROL PLAN INTERIM PROGRESS REPORT**
Due to the continued impacts of the COVID-19 pandemic and Shelter-in-Place orders, Lehigh idled the kiln while the Bay Area Market recovers from the effects of the Shelter-in-Place orders. Lehigh has also submitted an Emissions Reduction Credits (ERC) application for the permanent shut-down of the kiln. Therefore, there was no blasting activity in the Permanente quarry during the reporting period. No blasting activity precludes any field study of methods that have the potential to minimize dust that may be generated during blasting.

In the November 30, 2020, Interim Progress Report, Lehigh requested that the submission of future interim progress reports occur on the same schedule as the semi-annual compliance certifications. Lehigh is reporting in accordance with this request.

If you require any additional information or should you have any questions, please contact me at (408) 996-4066 or carolina.addison@lehighhanson.com.

Sincerely,

Carolina D. Addison
Director of Environment Land Resource Development
Lehigh Southwest Cement Company – Permanente Plant

Attachment 1: SAMR Report
cc: Joerg Nixdorf, Lehigh

[1] Major Facility Review Permit, Condition I.F

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## Compliance Certification

Based on information and belief formed after reasonable inquiry, the statements and information in the attached Compliance Certification form are true, accurate, and complete[2].

**Carolina Addison – Dir. Enviro. Land Resource Dev.** _____
Signature

7-27-22
Date

**Joerg Nixdorf – Vice President – Cement Operations** _____
Signature

7-27-22
Date

[2] Major Facility Review Permit, Condition I.B.11

Lehigh Hanson
HEIDELBERGCEMENT Group

## ATTACHMENT 1: SAMR

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**Table IV & Table VII**
**General Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**Facility Wide**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| BAAQMD Condition 24621, Part 1 | Propose, operate and maintain the Fugitive Dust Control Plan | Opacity (Ringelmann 1.0 for < 3 min/hr), Total Suspended Particulate (0.15 gr/dscf), Total Suspended Particulate (Table 6- 1-311.2) | SIP Regulation 6-1-301, 6-1-310, 6-1-311 | Update as necessary or at least once every 5 yrs | Y | Y | Y | Continuous |
| BAAQMD Condition 24621, Part 2 | Source test requirement at least once every 5 yrs | Opacity (Ringelmann 1.0 for < 3 min/hr), Total Suspended Particulate (0.15 gr/dscf), Total Suspended Particulate (Table 6- 1-311.2) | SIP Regulation 6-1-301, 6-1-310, 6-1-311 | Source Test At least once every 5 yrs | Y | Y | Y | Continuous |

**Table IV & Table VII- A**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-1 Gasoline Dispensing Facility**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 8, Rule 7** | **Organic Compounds: Gasoline Dispensing Facilities (3/24/03)** | | | | | | | |
| 8-7-114 | Stationary Tank Testing Exemption | EXEMPT THROUGHPUT<br>Maximum amount exempt from Phase I is: 1000 gallons per facility for tank integrity leak checking | BAAQMD 8-7-501 & 8-7-503.2 | Records P/E | Once every six months | Y | Y | Continuous |
| 8-7-301.6 | Leak-Free and Vapor Tight Requirement for Components | ORGANIC COMPOUNDS All<br>Phase I Equipment (except components with allowable leak rates) shall be leak free (≤3 drops/minute) and vapor tight | BAAQMD 8-7-301.13 and 8-7-407 | Annual Check for Vapor Tightness and Proper Operation of Vapor Recovery System P/A | Annually | Y | Y | Continuous |
| 8-7-302.14 | Annual Back Pressure Test Requirements for Balance Systems | Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH | CARB E.O. VR-203 | Annual Dynamic Back Pressure Test P/A | Annually | Y | Y | Continuous |
| BAAQMD Condition #7523 Part 1: | Annual Gasoline throughput shall not exceed 400,000 gallons in any consecutive 12 month period (Basis: District Regulation 2-5) | THROUGHPUT Gasoline dispensing throughput < 400,000 gallons/yr | BAAQMD 8-7-503.1 & 8-7-503.2 | Record Keeping P/M | Once every six months | Y | N | Continuous |
| BAAQMD Condition #20666 Part 2: | Torque Test per CARB TP 201.1B | POC<br>Specified in CARB E.O. VR-102 | CARB E.O. VR-102 | Triennial torque test (CARB TP 201.1B) P/3A | Every three years | Y | Y | Continuous |
| BAAQMD Condition #20666 Part 2: | Drop Tube Test per CARB TP 201.1C or 201.1 D | POC<br>Specified in CARB E.O. VR- 102H2O | CARB E.O. VR-102 | Triennial drop tube test (CARB TP 201.1C or 201.1D) P/3A | Every three years | Y | Y | Continuous |
| BAAQMD Condition # 24297 Part 3a: | Recordkeeping | Throughput | | P/M | Annual | Y | Y | Continuous |
| BAAQMD Condition # 24297 Part 3b: | Recordkeeping | Testing and Maintenance | | P/E | | Y | Y | Continuous |
| BAAQMD Condition # 24297 Part 4: | Component requirement | Leak free no greater than 3 drops per minute and Vapor tight | | Vapor tight: MOP Method ST-30 | | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 6a: | Initial Compliance Demonstration requirements | Static Pressure Performance Test – TP-201.3 | CARB E.O. VR-203, Exhibit 4 | Static Pressure Performance Test P/A | Initial | Y | Y | Continuous |

**Table IV & Table VII- A**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-1 Gasoline Dispensing Facility**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| BAAQMD Condition #24297 Part 6b: | Initial Compliance Demonstration requirements | Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH | CARB E.O. VR-203, Exhibit 2 | Dynamic Back Pressure Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 6c: | Initial Compliance Demonstration requirements | Liquid Removal Test per CARB E.O. VR-203, Exhibit 5, Option 1 | CARB E.O. VR-203, Exhibit 5 | Liquid Removal Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 6d: | Initial Compliance Demonstration requirements | Vapor Pressure Sensor Verification Test per E.O. VR- 203, Exhibit 8, | CARB E.O. VR-203, Exhibit 8 | Vapor Pressure Sensor Verification P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 6e: | Initial Compliance Demonstration requirements | Nozzle Bag Test | CARB E.O. VR-203, Exhibit 10 | | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 6f: | Initial Compliance Demonstration requirements | Veeder-Root Vapor Polisher Operability Test. E.O. VR-203, Exhibit 11 | CARB E.O. VR-203, Exhibit 11 | Vapor Pressure Operability Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 6g: | Initial Compliance Demonstration requirements | Veeder-Root Vapor Polisher Emissions Test - E.O. VR-203, Exhibit 12 | CARB E.O. VR-203, Exhibit 12 | Vapor Polisher Emissions Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 7a: | Initial Compliance Demonstration requirements | Static Pressure Performance Test – TP-201.3 | CARB E.O. VR-203, Exhibit 4 | Static Pressure Performance Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 7b: | Initial Compliance Demonstration requirements | Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH | CARB E.O. VR-203, Exhibit 2 | Dynamic Back Pressure Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 7c: | Initial Compliance Demonstration requirements | Liquid Removal Test per CARB E.O. VR-203, Exhibit 5, Option 1 | CARB E.O. VR-203, Exhibit 5 | Liquid Removal Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 7d: | Initial Compliance Demonstration requirements | Vapor Pressure Sensor Verification Test per E.O. VR- 203, Exhibit 8, | CARB E.O. VR-203, Exhibit 8 | Vapor Pressure Sensor Verification P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 7e: | Initial Compliance Demonstration requirements | Veeder-Root Vapor Polisher Operability Test. E.O. VR-203, Exhibit 11 | CARB E.O. VR-203, Exhibit 11 | Vapor Pressure Operability Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 7f: | Initial Compliance Demonstration requirements | Veeder-Root Vapor Polisher Emissions Test - E.O. VR-203, Exhibit 12 | CARB E.O. VR-203, Exhibit 12 | Vapor Polisher Emissions Test P/A | Initial | Y | Y | Continuous |
| BAAQMD Condition #24297 Part 10: | Gasoline Dispensing Rate | ≤10.0 gallons per minute and ≥ 6.0 gallons per minute | CARB E.O. VR-203, Ex. 5 | | Initial | Y | Y | Continuous |
| BAAQMD Condition #24298 Part 3: | Leak Free and Vapor Tight | Leak free: ≤ 3 drops/min; Vapor Tight: leak of less than 100 percent of the lower explosive limit on a combustible gas detector measured at a distance of 1 inch from the source or absence of a leak as determined by the District Manual of Procedures, Volume IV, ST- 30 or CARB Method TP-201.3 | 8-7-407 | 8-7-602 P/A | Annually | Y | Y | Continuous |

**Table IV & Table VII- A**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-1 Gasoline Dispensing Facility**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| BAAQMD Condition #24298 Part 4a: | On-going Compliance Demonstration requirements | Static Pressure Performance Test – TP-201.3 | CARB E.O. VR-203 | Annual Static Pressure Performance Test P/A | Annually | Y | Y | Continuous |
| BAAQMD Condition #24298 Part 4b: | On-going Compliance Demonstration requirements | Dynamic Back Pressure not to exceed 0.35" WC @ 60 CFH and 0.62" WC @ 80 CFH | CARB E.O. VR-203 | Annual Dynamic Back Pressure Test P/A | Annually | Y | Y | Continuous |
| BAAQMD Condition #24298 Part 4c: | On-going Compliance Demonstration requirements | Liquid Removal Test per CARB E.O. VR-203, Exhibit 5, Option 1 | CARB E.O. VR-203 | Annual Liquid Removal Test P/A | Annually | Y | Y | Continuous |
| BAAQMD Condition #24298 Part 4d: | On-going Compliance Demonstration requirements | Vapor Pressure Sensor Verification Test per E.O. VR- 203, Exhibit 8, | CARB E.O. VR-203 | Annual Vapor Pressure Sensor Verification P/A | Annually | Y | Y | Continuous |
| BAAQMD Condition #24298 Part 4e: | On-going Compliance Demonstration requirements | Veeder-Root Vapor Polisher Operability Test. E.O. VR-203, Exhibit 11 | CARB E.O. VR-203 | Annual Vapor Pressure Operability Test P/A | Annually | Y | Y | Continuous |
| BAAQMD Condition #24298 Part 4f: | On-going Compliance Demonstration requirements | Veeder-Root Vapor Polisher Emissions Test - E.O. VR-203, Exhibit 12 | CARB E.O. VR-203 | Annual Vapor Polisher Emissions Test P/A | Annually | Y | Y | Continuous |
| BAAQMD Condition #24298 Part 7: | Gasoline Dispensing Rate | ≤10.0 gallons per minute and ≥ 6.0 gallons per minute | CARB E.O. VR-203, Ex.5 | | | | Y | Continuous |

**Table IV & Table VII- B**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-17 Clinker Transfer Area abated by A-436 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 5 | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition # 24781, Part 5 | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD Condition #24621, Part 2 & CAM Condition # 24781, Part 10 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 5 | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition # 24781, Part 5 | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD Condition #24621, Part 2 & CAM Condition # 24781, Part 10 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no opacity >10%, M9 can reduce to 1 hr | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22<br>P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22<br>P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |

**Table IV & Table VII- B**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-17 Clinker Transfer Area abated by A-436 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| 63.1350(p) | Development and Submittal of Monitoring Plans | | | Check gauge calibration P/Q | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/Q<br>Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #16109** | | | | | | | | |
| Part 1 | Visible Emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD CAM condition # 24781, Part 5 | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| Part 3 | Outlet grain loading Limitations (Basis: Regulation 2-2-301.1 (BACT)) | PM10<br>0.006 gr/dscf | BAAQMD CAM condition # 24781, Part 5 | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| Part 5 | (Regulation 2-2-212 Cumulative Increase) | THROUGHPUT<br>Cement loads < 70,000 trucks/ rolling 12 month period | BAAQMD condition # 16109, part 6 | Log/Record Keeping P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Continuous |
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Quarterly | | P/Q | | | Y | Continuous |
| Part 7 | Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

1. S-17 was not in operation during the reporting period.

**Table IV & Table VII- C**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-19 Clinker Storage Area Abated by A-10, A-447, A-448, A-449, and A-450 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P_{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data and hourly clinker production rate | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |

**Table IV & Table VII- C**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-19 Clinker Storage Area Abated by A-10, A-447, A-448, A-449, and A-450 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22 P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22 P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/M<br>Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 18475** | | | | | | | | |
| Part 1 | Throughput Limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Material stored not to exceed 1.75 million tons/yr | BAAQMD condition # 18475, part 6 | Log/Record Keeping P/M | Once every six months | Y | Y | Continuous |
| Part 5 | Opacity Limitation (Basis: BACT, Regulation 6-1-301, Cumulative Increase) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Continuous |

**Table IV & Table VII- C**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-19 Clinker Storage Area Abated by A-10, A-447, A-448, A-449, and A-450 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Monthly | | P/M | | | Y | Continuous |
| Part 7 | Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

1. S-19 was not in operation during the reporting period.

**Table IV & Table VII- D**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-21 Roll Press Clinker Surge Bin (6-SS-1) and Feeder (6-WF-1) abated by A-13 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 1 | Visual Inspection (M22) P/M | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD CAM Condition # 24781, Part 5 | Pressure Drop Monitoring P/M | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE 4.10P0.67 lb/hr. where P is process weight, ton/hr | BAAQMD CAM Condition # 24781, Part 10; BAAQMD condition # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM Condition # 24781, Part 1 | Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD CAM Condition # 24781, Part 5 | Pressure Drop Monitoring P/M | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE 4.10P0.67 lb/hr. where P is process weight, ton/hr | BAAQMD CAM Condition # 24781, Part 10; BAAQMD condition # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2) 63.1350(f)(1) | M9 Initial M22 P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9 Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22 P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |

**Table IV & Table VII- D**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-21 Roll Press Clinker Surge Bin (6-SS-1) and Feeder (6-WF-1) abated by A-13 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22<br>P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period equally spaced over each hour | CAM Plan:<br>Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/M<br>Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1 | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, ton/hr | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Continuous |
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Monthly | | P/M | | | Y | Continuous |
| Part 7 | Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

1. S-21 was not in operation during the reporting period.

**Table IV & Table VII- E**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-45 West Silo Top Cement Distribution Tower abated by A-433 Dust Collector**
**S-46 Middle Silo Top Cement Distribution Tower abated by A-434 Dust Collector**
**S-47 East Silo Top Cement Distribution Tower abated by A-435 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Intermittent |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Intermittent |
| 6-1-402 | Alternate Source Test Frequency | | BAAQMD CAM Condition #24781, Part 10 | P/Once every 5 years | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Intermittent |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Intermittent |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Intermittent |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10<br>BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Regulation 9-13** | **Nitrogen Oxides, Particulate matter, and Toxic Air Contaminants from Portland Cement Manufacturing (10/19/16)** | | | | | | | |
| 9-13-302 | Opacity | < 10% opacity for more than 3 minutes in any hour or half as dark as Ringelmann 1 | BAAQMD 9-13-609 | Visual Inspection (M9) | | Y | N | Continuous |
| 9-13-304 | Fugitive Dust Mitigation Control Measures | Drops Heights, wind break, enclosures, area cover, water spray, vacuum, Dust Control Plan | | Visual Inspection (M9) | | Y | N | Continuous |
| 9-13-609 | Determination of Visible Emissions | | BAAQMD Manual of Procedures, Volume 1, Part 1 | VE | Y | Y | N | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (7/27/15)** | | | | | | | |

**Table IV & Table VII- E**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-45 West Silo Top Cement Distribution Tower abated by A-433 Dust Collector**
**S-46 Middle Silo Top Cement Distribution Tower abated by A-434 Dust Collector**
**S-47 East Silo Top Cement Distribution Tower abated by A-435 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | Y | Y | Intermittent |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | Initial | | Y | Y | Continuous |
| 63.1348(b)(3) | Continuous Opacity Compliance | | 63.1350(f) | | Y | Y | Y | Intermittent |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) reduce to 1 hour if 63.1349(b)(2)(i) and (b)(2)(ii) apply | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(d) | Performance Test Reporting Requirement | Within 60 days after the initial performance test | | Initial | Y | Y | Y | Continuous |
| 63.1350(f) | Opacity Monitor Requirement | M22 10 mins monthly; if no VE for 6-months, reduce to Semi Annual and Annual. If VE is observed during M22, conduct 20-min, recorded at 15-second interval using M9, must begin within 1 hr of VE | | P/M | Y | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22<br>P/M | | Y | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual; if<br>VE observed during semi-annual, revert to monthly | | M22<br>P/SA | | Y | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual; if VE observed during semi-annual, revert to monthly | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If VE observed during any M22 tests, conduct 30-min, recorded at 15-second interval using M9, must begin within 1 hr of VE | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |
| 63.1350(f)(1)(v) | Enclosed Opacity Monitor Requirement | M22 do not apply to enclosed conveying system transfer point; subject to O&M Plan requirements | | O&M Plan | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 according to (f)(i) – f(iv) | | M22 | | | Y | Intermittent |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Intermittent |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | 63.1347 | P/E | | | Y | Intermittent |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Intermittent |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Intermittent |

**Table IV & Table VII- E**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-45 West Silo Top Cement Distribution Tower abated by A-433 Dust Collector**
**S-46 Middle Silo Top Cement Distribution Tower abated by A-434 Dust Collector**
**S-47 East Silo Top Cement Distribution Tower abated by A-435 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/Q<br>Visual Inspection (M22) P/M | Once every six months | Y | Y | Intermittent |
| **BAAQMD Condition #16109** | | | | | | | | |
| Part 1 | Visible Emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | OPACITY<br>Ringelmann1.0 < 3 min/hr | BAAQMD CAM Condition #24781, Part 1 | Visual Inspection P/M | Once every six months | Y | Y | Intermittent |
| Part 3 | Outlet grain loading Limitations (Basis: Regulation 2-2-301.1 (BACT)) | PM10<br>0.006 gr/dscf | BAAQMD CAM Condition #24781, Part 5 | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Intermittent |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Intermittent |
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Quarterly | | P/Q | | | Y | Intermittent |
| Part 7 | Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Intermittent |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

**Table IV & Table VII- F**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-48 Bulk Cement Loadout Tank #1 & 2 abated by A-420, A-421, A-422, and A-428 Dust Collectors**
**S-49 Bulk Cement Loadout Tank #28 abated by A-423, A-424, A-427, and A-429 Dust Collectors**
**S-50 Bulk Cement Loadout Tank #29 abated by A-425, A-426, A-427, and A-429 Dust Collectors**
**S-54 Cement Packer #1 abated by A-430 Dust Collector**
**S-55 Cement Packer #2 abated by A-431 Dust Collector**
**S-614 Bulk Cement Loadout Tank #2 Abated by A-614 and A-428 Dust Collectors [2]**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 (S-48, S-49 and S-50) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22) P/M | Once every six months | Y | N | Intermittent |
| 6-1-301 (S-48, S-49 and S-50) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring P/M | Once every six months | Y | N | Intermittent |
| 6-1-301 (S-54 and S-55) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-402 | Alternate Source Test Frequency | | CAM Condition #24781, Part 10 & CAM Condition #24621, Part 2 | P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 (S-48, S-49 and S-50) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22) P/M | Once every six months | Y | Y | Intermittent |
| 6-301 (S-54 and S-55) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Visual Inspection (M22) P/Q | Once every six months | Y | Y | Intermittent |
| 6-310 (S-48, S-49 and S-50) | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring P/M | Once every six months | Y | Y | Intermittent |
| 6-310 (S-54 and S-55) | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 (S-48, S-49 and S-50) | General Operations | FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| 6-311 (S-54 and S-55) | General Operations | FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Regulation 9-13** | **Nitrogen Oxides, Particulate Matter, and Toxic Air Contaminants from Portland Cement Manufacturing (10/19/16)** | | | | | | | |
| 9-13-302 | Opacity | < 10% opacity for more than 3 minutes in any hour or half as dark as Ringelmann 1 | BAAQMD 9-13-609 | Visual Inspection (M9) | | Y | N | Continuous |

**Table IV & Table VII- F**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-48 Bulk Cement Loadout Tank #1 & 2 abated by A-420, A-421, A-422, and A-428 Dust Collectors**
**S-49 Bulk Cement Loadout Tank #28 abated by A-423, A-424, A-427, and A-429 Dust Collectors**
**S-50 Bulk Cement Loadout Tank #29 abated by A-425, A-426, A-427, and A-429 Dust Collectors**
**S-54 Cement Packer #1 abated by A-430 Dust Collector**
**S-55 Cement Packer #2 abated by A-431 Dust Collector**
**S-614 Bulk Cement Loadout Tank #2 Abated by A-614 and A-428 Dust Collectors [2]**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 9-13-304 | Fugitive Dust Mitigation Control Measures | Drops Heights, wind break, enclosures, area cover, water spray, vacuum, Dust Control Plan | | Visual Inspection (M9) | | Y | N | Continuous |
| 9-13-609 | Determination of Visible Emissions | | BAAQMD Manual of Procedures, Volume 1, Part 1 | VE | Y | Y | N | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (7/27/15)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | Y | Y | Intermittent |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | Y | Y | Continuous |
| 63.1348(b)(3) | Continuous Opacity Compliance | | 63.1350(f) | M22<br>P/M | Y | Y | Y | Intermittent |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) reduce to 1 hour if 63.1349(b)(2)(i ) and (b)(2)(ii) apply | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f) | Opacity Monitor Requirement | M22 10 mins monthly; if no VE for 6-months, reduce to Semi Annual and Annual. If VE is observed during M22, conduct 20-min, recorded at 15-second interval using M9, must begin within 1 hr of VE | | | Y | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22<br>P/M | | Y | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual; if<br>VE observed during semi-annual, revert to monthly | | M22<br>P/SA | | Y | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual; if VE observed during semi-annual, revert to monthly | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If VE observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |
| 63.1350(f)(1)(v) | Enclosed Opacity Monitor Requirement | M22 do not apply to enclosed conveying system transfer point; subject to O&M Plan requirements | | O&M Plan | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Intermittent |

**Table IV & Table VII- F**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-48 Bulk Cement Loadout Tank #1 & 2 abated by A-420, A-421, A-422, and A-428 Dust Collectors**
**S-49 Bulk Cement Loadout Tank #28 abated by A-423, A-424, A-427, and A-429 Dust Collectors**
**S-50 Bulk Cement Loadout Tank #29 abated by A-425, A-426, A-427, and A-429 Dust Collectors**
**S-54 Cement Packer #1 abated by A-430 Dust Collector**
**S-55 Cement Packer #2 abated by A-431 Dust Collector**
**S-614 Bulk Cement Loadout Tank #2 Abated by A-614 and A-428 Dust Collectors [2]**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Intermittent |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | 63.1347 | P/E | | | Y | Intermittent |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Intermittent |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Intermittent |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring (S-48, S-49 and S-50 only)** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/M<br>Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #16109** | | | | | | | | |
| Part 1 (S-48, S-49 and S-50) | Visible Emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| Part 1 (S-54 and S-55) | Visible Emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 20751, part 3b | Visual Inspection (M22)<br>P/Q | Once every six months | Y | Y | Continuous |
| Part 3 (S-48, S-49 and S-50) | Outlet grain loading Limitations (Basis: Regulation 2-2-301.1 (BACT)) | PM10<br>0.006 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Continuous |
| Part 3 (S-54 and S-55) | Outlet grain loading Limitations (Basis: Regulation 2-2-301.1 (BACT)) | PM10<br>0.006 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| Part 5 | (Regulation 2-2-212 Cumulative Increase) | THROUGHPUT<br>Cement loads < 70,000 trucks/ rolling 12 month period | BAAQMD condition # 16109, part 6 | Log/Record Keeping<br>P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |

**Table IV & Table VII- F**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-48 Bulk Cement Loadout Tank #1 & 2 abated by A-420, A-421, A-422, and A-428 Dust Collectors**
**S-49 Bulk Cement Loadout Tank #28 abated by A-423, A-424, A-427, and A-429 Dust Collectors**
**S-50 Bulk Cement Loadout Tank #29 abated by A-425, A-426, A-427, and A-429 Dust Collectors**
**S-54 Cement Packer #1 abated by A-430 Dust Collector**
**S-55 Cement Packer #2 abated by A-431 Dust Collector**
**S-614 Bulk Cement Loadout Tank #2 Abated by A-614 and A-428 Dust Collectors [2]**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition<br>Applies to S-48, S-49, S-50, and S-614 only | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Intermittent |
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Monthly | | P/M | | | Y | Intermittent |
| Part 7 | Gauges Calibration (40 CFR Part 63 Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Intermittent |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |
| **BAAQMD Condition # 26941** | Applies to S-614 only | | | | | | | |
| Part 1 | Visible Emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Intermittent |
| Part 3 | Outlet grain loading Limitations (Basis: Regulation 2-2-301.1 (BACT)) | PM10<br>0.00655 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |

1. S-54 and S-55 were not in operation during the reporting period.

**Table IV & Table VII- G**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-74 Type II Mechanical transfer System abated by A-58 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Intermittent |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | N | Intermittent |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Intermittent |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Intermittent |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Intermittent |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Intermittent |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |

**Table IV & Table VII- G**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-74 Type II Mechanical transfer System abated by A-58 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22 P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22 P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Intermittent |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Intermittent |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Intermittent |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Intermittent |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Intermittent |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/M<br>Visual Inspection (M22) P/M | Once every six months | Y | Y | Intermittent |
| **BAAQMD Condition # 6655** | | | | | | | | |
| Part 1 | Visible Particulates Requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD CAM Condition #24781, Part 1 | Visual Inspection (M22) P/M | Once every six months | Y | Y | Intermittent |
| Part 4 | Outlet Grain Loading (Basis: Regulation 2-2-301.1 BACT) | PM10<br>0.006 gr/dscf | BAAQMD CAM Condition #24781, Part 5 | Pressure Drop Monitoring P/M | Once every six months | Y | Y | Intermittent |
| Part 6 | Hours of Operation (Basis: Regulation 2-2-212 Cumulative Increase) | Hours of operation 6,656 per year | BAAQMD condition # 6655, part 9 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 8 | Throughput Limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Cement throughput not to exceed 1.44 MM tons/yr | BAAQMD condition # 6655, part 9 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Intermittent |

**Table IV & Table VII- G**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-74 Type II Mechanical transfer System abated by A-58 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Monthly | | P/M | | | Y | Intermittent |
| Part 7 | Gauges Calibration (40 CFR Part 60 Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Intermittent |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

**Table IV & Table VII- H**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-100 Precalciner Kiln Fuel Handling System abated by A-100 Water Sprays**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |
| **NSPS 40 CFR, Part 60 Subpart Y** | **Standards of Performance for Coal Processing Plants** | | | | | | | |
| 60.252(c) | Standards for Particulate Matter | OPACITY 20% | | N | | | Y | Continuous |
| **BAAQMD Condition # 23942** | | | | | | | | |
| Part 1 | Ringelmann Number 1 Limitation (Basis: Regulation 6-1-301) | OPACITY Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |

1. S-100 was not in operation during the reporting period.

**Table IV & Table VII- I**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-111 Rail Unloading System abated by A-111 Dust Collector**
**S-112 Additive Hopper Transfer System abated by A-112 Dust Collector**
**S-113 Additive Bin Transfer Facilities abated by A-113 and A-114 Dust Collectors**
**S-115 Additive Storage abated by A-115 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NSPS 40 CFR, Part 60 Subpart Y** | **Standards of Performance for Coal Processing Plants** | | | | | | | |
| 60.252(c) | Standards for Particulate Matter | OPACITY 20% | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 60.252(c) | Standards for Particulate Matter | OPACITY 20% | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 2786** | | | | | | | | |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition # 2786, part D | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |

**Table IV & Table VII- I**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-111 Rail Unloading System abated by A-111 Dust Collector**
**S-112 Additive Hopper Transfer System abated by A-112 Dust Collector**
**S-113 Additive Bin Transfer Facilities abated by A-113 and A-114 Dust Collectors**
**S-115 Additive Storage abated by A-115 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

1. S-111, S-112, S-114, and S-115 were not in operation during the reporting period.

**Table IV & Table VII- J**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-121 Tertiary Scalping Screen (2-VS-1, 2-VS-2) abated by A-121 Dust Collector**
**S-122 Tertiary Crusher (2-cr-1) abated by A-121 and A-122 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | 40 CFR Part 64.3 (b)(4)(iii)<br>BAAQMD CAM Condition # 24781, Part 16 | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | 40 CFR Part 64.3 (b)(4)(iii)<br>BAAQMD CAM condition # 24781, Part 12 | Visual Inspection (M22)<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | 40 CFR Part 64.3 (b)(4)(iii)<br>BAAQMD CAM condition # 24781, Part 16 | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD Condition #24621, Part 2<br>BAAQMD CAM condition # 24781, Part 21 | Source Test<br>P/once every 5 yrs | Once every six months | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition 24781 Part 12 | Visual Inspection (M22)<br>P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition 24781 Part 16 | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD Condition #24621, Part 2<br>BAAQMD CAM condition # 24781, Part 21 | Source Test<br>P/once every 5 yrs | Once every six months | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(a) | Standard for Particulate Matter | PM10<br>0.022 gr/dscf | 60.8 and 60.675 | Test Method (M5 or M17)<br>Initial | Initial | N | Y | Continuous |

**Table IV & Table VII- J**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-121 Tertiary Scalping Screen (2-VS-1, 2-VS-2) abated by A-121 Dust Collector**
**S-122 Tertiary Crusher (2-cr-1) abated by A-121 and A-122 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 60.672(a) | Standard for Particulate Matter with Capture System | OPACITY < 7% | 60.8 and 60.675 | Visible Inspection (M9) Initial | Initial | N | Y | Continuous |
| 60.672(b) | Standard for Particulate Matter without Capture System | OPACITY < 10% | 60.11 and 60.675 | Visible Inspection (M9) Initial | Initial | N | Y | Continuous |
| **40 CFR, Part 64** | Compliance Assurance Monitoring | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan: Pressure Drop 0.5 to 8 inches water | | Pressure Drop Monitoring P/(Q) Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 2786** | | | | | | | | |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition # 2786, part D | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #24781** | CAM Condition | | | | | | | |
| Part 12 | Conduct Visible Emissions (NSPS 40 CFR Part 60 Subpart OOO) | M22 Quarterly | | P/Q | | | Y | Continuous |
| Part 16 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Quarterly | | P/Q | | | Y | Continuous |
| Part 18 | Gauges Calibration (40 CFR Part 60, Subpart OOO, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 20 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 21 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5 years | | Y | Y | Continuous |

1. S-121 and S-122 were not in operation during the reporting period.

**Table IV & Table VII- K**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-123 Rock Conveying System abated by A-122 and A-123 Dust Collectors**
**S-131 Rock Sampling System abated by A-131 Dust Collector**
**S-132 Preblend abated by A-132 and A-133 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)**<br>(Apply to S-123 & S-131 only) | | | | | | | |
| 60.672(a) | Standard for Particulate Matter | PM10<br>0.022 gr/dscf | 60.8 and 60.675 | Test Method (M5 or M17) Initial | Initial | N | Y | Continuous |
| 60.672(a) | Standard for Particulate Matter with Capture System | OPACITY<br>< 7% | 60.8 and 60.675 | Visible Inspection (M9) Initial | Initial | N | Y | Continuous |
| 60.672(b) | Standard for Particulate Matter without Capture System | OPACITY<br>< 10% | 60.11 and 60.675 | Visible Inspection (M9) Initial | Initial | N | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)**<br>(Apply to S-132, -134 and S- 135 only) | | | | | | | |

**Table IV & Table VII- K**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-123 Rock Conveying System abated by A-122 and A-123 Dust Collectors**
**S-131 Rock Sampling System abated by A-131 Dust Collector**
**S-132 Preblend abated by A-132 and A-133 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 &<br>63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22<br>P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22<br>P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly install a new pressure sensor | | P/Q and P/M | | | Y | Continuous |
| **BAAQMD Condition # 2786** | | | | | | | | |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition # 2786, part D | Log/Record Keeping<br>P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |

**Table IV & Table VII- K**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-123 Rock Conveying System abated by A-122 and A-123 Dust Collectors**
**S-131 Rock Sampling System abated by A-131 Dust Collector**
**S-132 Preblend abated by A-132 and A-133 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

1. S-123, S-131, and S-132 were not in operation during the reporting period.

**Table IV & Table VII- L**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-134 Preblend Storage Bin (4-S-1, 4-S-2) abated by A-134 Dust Collector**
**S-135 High Grade Storage Bin (4-S-3, 4-S-4) abated by A-135 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)**<br>(Apply to S-123 & S-131 only) | | | | | | | |
| 60.672(a) | Standard for Particulate Matter | PM10<br>0.022 gr/dscf | 60.8 and 60.675 | Test Method (M5 or M17) Initial | Initial | N | Y | Continuous |
| 60.672(a) | Standard for Particulate Matter with Capture System | OPACITY<br>< 7% | 60.8 and 60.675 | Visible Inspection (M9) Initial | Initial | N | Y | Continuous |
| 60.672(b) | Standard for Particulate Matter without Capture System | OPACITY<br>< 10% | 60.11 and 60.675 | Visible Inspection (M9) Initial | Initial | N | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)**<br>(Apply to S-132, -134 and S- 135 only) | | | | | | | |

**Table IV & Table VII- L**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-134 Preblend Storage Bin (4-S-1, 4-S-2) abated by A-134 Dust Collector**
**S-135 High Grade Storage Bin (4-S-3, 4-S-4) abated by A-135 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 &<br>63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22<br>P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22<br>P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly install a new pressure sensor | | P/Q and P/M | | | Y | Continuous |
| **BAAQMD Condition # 2786** | | | | | | | | |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition # 2786, part D | Log/Record Keeping<br>P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |

**Table IV & Table VII- L**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-134 Preblend Storage Bin (4-S-1, 4-S-2) abated by A-134 Dust Collector**
**S-135 High Grade Storage Bin (4-S-3, 4-S-4) abated by A-135 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

1. S-134 and S-135 were not in operation during the reporting period.

**Table IV & Table VII- M**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-151 Homogenizer (5-S-1, 5-S-2) abated by A-151 and A-152 Dust Collectors**
**S-153 Kiln Feed System abated by A-153 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 years | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |

**Table IV & Table VII- M**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-151 Homogenizer (5-S-1, 5-S-2) abated by A-151 and A-152 Dust Collectors**
**S-153 Kiln Feed System abated by A-153 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22 P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22 P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan: Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/M Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #2786** | | | | | | | | |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition #11780, part E (2) | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY Ringelmann 1.0 for < 3 min/hr FILTERABLE PARTICULATE 0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart | M22 monthly | | P/M | | | Y | Continuous |
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Monthly | | P/M | | | Y | Continuous |
| Part 7 | Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |

**Table IV & Table VII- M**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-151 Homogenizer (5-S-1, 5-S-2) abated by A-151 and A-152 Dust Collectors**
**S-153 Kiln Feed System abated by A-153 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

1. S-151 and S-153 were not in operation during the reporting period.

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 (S-141, S-142, S-154, S-171, and S-172) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM Condition # 24781, Part 27 63.1350(b)(i) | Filter Bag Leak Detector-P/C<br>PM CEMS-P/C ) | Once every six months | Y | N | Continuous |
| 6-1-301 (S-141, S-142, S-154, S-171, and S-172) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 25 | Opacity Monitor P/C | Once every six months | Y | N | Continuous |
| 6-1-301 (S-143 and S-144) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detector Device<br>P/C | Once every six months | Y | N | Continuous |
| 6-1-301 (S-143 and S-144) | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 36 | Opacity Monitor<br>P/C | Once every six months | Y | N | Continuous |
| 6-1-402 | Alternate Source Test Frequency | | BAAQMD condition # 2786 part B | P/A | Annual | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM Condition # 24781, Part 23 63.1350(b)(i) | Filter Bag Leak Detector-P/C<br>PM CEMS-P/C | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 25 | Opacity Monitor<br>P/C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD CAM Condition # 24781, Part 27 63.1350(b)(i) | Filter Bag Leak Detector -P/C<br>PM CEMS-P/C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD condition # 2786 part B | Annual Source Test P/A | Annual | Y | Y | Continuous |
| **BAAQMD Regulation 9, Rule 1** | **Inorganic Gaseous Pollutants, Sulfur Dioxide (3/15/95)** | | | | | | | |
| 9-1-304 | Fuel Burning (Liquid and Solid Fuels) | SO2 300 ppm (dry) | BAAQMD Condition # 2786, part A.3 & A.4 | CEM C | Once every month | Y | Y | Continuous |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **SIP Regulation 11, Rule 1** | **Hazardous Pollutants/ Lead (6/02/80)** | | | | | | | |
| 11-1-301 | Daily Limitation | LEAD<br>15 lb/day | BAAQMD Condition #603, Part 8 | Source test A | Once every year | Y | Y | Continuous |
| **BAAQMD Regulation 9-13** | **Nitrogen Oxides, Particulate Matter, and Toxic Air Contaminants from Portland Cement Manufacturing (10/19/16)** | | | | | | | |
| 9-13-301 | Emission Limits | NOx < 2.3 lb/ton clinker;<br>PM < 0.04 lb/ton clinker;<br>NH3 < 270 ppmvd @ 7% O2<br>D/F < 0.2 ng-TEQ/dscm @ 7% O2;<br>Hg < 55 lb/million ton clinker;<br>THC < 24 ppmvd @ 7% O2 or o-HAP < 12 ppmvd @ 7% O2;<br>HCl < 3 ppmvd @ 7% O2 | BAAQMD Reg 9-13-401 | Initial,<br>P/A and P/test every 30 months for THC and D/F | | Y | N | Continuous |
| 9-13-302 | Opacity (combined stack emissions from kiln, raw mills and fuel mills) | < 10% opacity for more than 3 minutes in any hour | BAAQMD 9-13-609 | Opacity Monitor P/C | | Y | N | Continuous |
| 9-13-303 | Stack Requirements | Monitor emission points | Cal. Health and Safety Code 44300 et al. and<br><br>BAAQMD Reg. 2-5 | | | Y | N | Continuous |
| 9-13-304 | Fugitive Dust Mitigation Control Measures | Drops Heights, wind break, enclosures, area cover, water spray, vacuum, Dust Control Plan | | Visual Inspection (M9) | | Y | N | Continuous |
| 9-13-401 | Initial and Annual Demonstration of Compliance | Conduct Initial Demonstration within 30 days, Annual for NOx, PM, NH3, Hg, HCl, every 30-month for THC and D/F | | Initial,<br>P/A and P/every 30 months for THC and D/F | | Y | N | Continuous |
| 9-13-403 | Total Organic HAP Emissions Test | Establish correlation between total organic HAP and THC | BAAQMD Reg 9-13-607 | P/every 30 months | | Y | N | Continuous |
| 9-13-404 | Health Risk Assessment (HRA) | HRA before installation of combined stack | Office of Environmental Health Hazard Assessment (OEHHA) | Initial | | Y | N | Continuous |
| 9-13-405 | Dioxins and Furans (D/F) Emsisions Test | Establish correlation between D/F and Temperature | BAAQMD Reg 9-13-604 | P/every 30 months | | Y | N | Continuous |
| 9-13-501 | Emissions Monitoring | CEMS: $NO_X$, $O_2$ or $CO_2$;PEMS: NH3, Temperature, Hg, HCl, THC, Operational Integrity of PM control, and Volumetric Flow | BAAQMD Manual of Procedures, Volume V, 40 CFR, Part 63, Appendices | P/C | Y | Y | N | Continuous |
| 9-13-502 | Production Monitoring | Weigh scale system to measure tons-mass/hr of clinker or feed within $\pm$ 5% accuracy | 63.1350(d) | P/H | Y | Y | N | Continuous |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 9-13-504 | Reporting Requirements | | BAAQMD Reg 1-522 and 1-523 | P/M | Y | Y | N | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1343(b)(1) | PM Emission Limit - normal operation (Compliance by 9/9/2015) | 0.04 lb/ton clinker (dry basis) | 63.1349(b)(1) 63.1350(b), 63.1350(m) (5), 63.1350(d) | Initial Test CEMS P/C | | Y | Y | Continuous |
| | D/F Emission Limit - normal operation | 0.2 ng/dscm (TEQ) @ 7%O2; 0.4 ng/dscf (TEQ) if inlet Temperature is 400 oF or less | 63.1349(b)(3) 63.1350(p)(1) to (p)(4) | Initial Test Temperature CPMS P/C | | Y | Y | Continuous |
| | Mercury Emission Limit - normal operation (Compliance by 9/9/2015) | 55 lb/MM ton clinker | 63.1349(b)(5) 63.1350(k) | Initial Test CEMS P/C | | Y | Y | Continuous |
| | THC Emission Limit - normal operation (Compliance by 9/9/2015) | 24 ppmvd @ 7%O2 measured as propane; or 9 ppmvd of total organic HAP | 63.1349(b)(2) 63.1350(i) | Initial Test CEMS P/C | | Y | Y | Continuous |
| | HCl Emission Limit - normal operation (Compliance by 9/9/2015) | 3 ppmvd @ 7%O2 | 63.1349(b)(6) 63.1350(l) | Initial Test CEMS P/C | | Y | Y | Continuous |
| 63.1343(b)(1) | PM Emission Limit – startup & shutdown operation (Compliance by 9/9/2015) | 0.004 gr/dscf (dry basis) | 63.1349(b)(1) 63.1350(b), 63.1350(m)(5), 63.1350(d) | Initial Test CEMS P/C | | Y | Y | Continuous |
| | D/F Emission Limit - startup & shutdown operation | 0.2 ng/dscm (TEQ); 0.4 ng/dscf (TEQ) if inlet Temperature is 400 oF or less | 63.1349(b)(3) 63.1350(p)(1) to (p)(4) | Initial Test CPMS P/C | | Y | Y | Continuous |
| | Mercury Emission Limit - startup & shutdown operation (Compliance by 9/9/2015) | 10 ug/sdcm | 63.1349(b)(5) 63.1350(k) | Initial Test CEMS P/C | | Y | Y | Continuous |
| | THC Emission Limit - startup & shutdown operation (Compliance by 9/9/2015) | 24 ppmvd measured as propane; or 9 ppmvd of total organic HAP | 63.1349(b)(2) 63.1350(i) | Initial Test CEMS P/C | P/C | Y | Y | Continuous |
| | HCl Emission Limit - startup & shutdown operation (Compliance by 9/9/2015) | 3 ppmvd | 63.1349(b)(6) 63.1350(l) | Initial Test CEMS P/C | P/C | Y | Y | Continuous |
| | PM emission limit (NESHAP LLL 6/14/1999) | PM10 0.30 lb/ton of feed (dry basis) to kiln | 63.1349(c) (NESHAP LLL 6/14/1999) | Source Test (M5) P/every 5 years for PM10 | Every 5 years | Y | Y | Continuous |
| | Opacity (NESHAP LLL 6/14/1999) | OPACITY < 20% | 63.1350(c)(2) (NESHAP LLL 6/14/1999) | Visual inspection (M9) P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| | Opacity (NESHAP LLL 6/14/1999) | OPACITY<br>< 20% | 63.1349(c) (NESHAP LLL 6/14/1999) | Periodic Source Test (M9)<br>P/every 5 years | Once every six months | Y | Y | Continuous |
| | D/F<br>(NESHAP LLL 6/14/1999) | 8.7E-11 gr/dscf(TEQ); or 1.7E-10 gr/dscf (TEQ) when temperature at inlet ≤ 400oF | 63.1349(d) (NESHAP LLL 6/14/1999) | Periodic Source Test (M23)<br>P/Every 30 months | Once every 30 months | Y | Y | Continuous |
| 63.1346(a)(1) | Temperature Operating Limit @ inlet of dust control when raw mill is operating | Temperature < Set Temperature Startup/shutdown - Temperature > Set Temperature by 10% | 63.1349(b)(3)(iv) | | | Y | Y | Continuous |
| 63.1346(a)(2) | Temperature Operating Limit @ inlet of dust control when raw mill is not operating | Temperature < Set Temperature Startup/shutdown - Temperature > Set Temperature by 10% | 63.1349(b)(3)(iv) | | | Y | Y | Continuous |
| 63.1346(b) | Temperature Operating Limit | Set the temperature limit @ inlet of dust control device | 63.1349(b)(3)(iv) | | | Y | Y | Continuous |
| 63.1346(c)(1) | Activated Sorbent Injection Rate (Compliance by 9/9/2015) | 3-hr rolling avg sorbent injection rate > sorbent injection rate during the set temperature test | 63.1349(b)(3)(iv) | | | Y | Y | Continuous |
| 63.1346(c)(2)(i) or (ii) | Activated Sorbent Injection Rate (Compliance by 9/9/2015) | Maintain minimum activated carbon injection carrier gas flow rate as 3-hr rolling avg; or<br>Maintain minimum activated carbon injection carrier gas pressure drop as 3-hr rolling avg | 63.7(c) | | | Y | Y | Continuous |
| 63.1348(a)(1) | Initial PM Compliance (Compliance by 9/9/2015) | 0.04 lb/ton clinker (dry basis) | 63.1349(b)(1) | Initial Test | | Y | Y | Continuous |
| 63.1348(a)(3)(i) | Initial D/F Compliance (Compliance by 9/9/2015) | 0.2 ng/dscm (TEQ) @ 7%O2 – normal operation<br>0.2 ng/dscm (TEQ) – startup/shutdown | 63.1349(b)(3) | Initial Test | | Y | Y | Continuous |
| 63.1348(a)(3)(ii) | Initial Temperature Compliance | Average Applicable temperature limit | 63.1349(b)(3)<br>(i) to (b)(3)(vi) | Initial Test | | Y | Y | Continuous |
| 63.1348(a)(3)(iii) | Initial Activated Carbon Injection Rate Compliance<br>(Compliance by 9/9/2015) | Average activated carbon injection rate limit | 63.1349(b)(3)(v) | Initial Test | | Y | Y | Continuous |
| 63.1348(a)(3)(iv) | Initial Carrier Gas Parameter Compliance (Compliance by 9/9/2015) | Average carrier gas parameter limit | 63.1349(b)(3)(vi) | + 5%<br>accuracy | | Y | Y | Continuous |
| 63.1348(a)(4)(i) | Initial THC Compliance (Compliance by 9/9/2015) | Average 30 first days for initial compliance | 63.1349(b)(4)(i) | CEMs<br>Ave. 30 days | | Y | Y | Continuous |
| 63.1348(a)(4)(ii) | Initial Total Organic HAP (Compliance by 9/9/2015) | Source Test & THC CEMs (3 hr avg) at the same time | 63.1349(b)(4)(iii) &<br>63.1349(b)(4)(iv) | Source Test<br>THC CEM | | Y | Y | Continuous |
| 63.1348(a)(4)(iii) | Initial Total Organic HAP compliance while raw mill on and off<br>(Compliance by 9/9/2015) | 3 runs, 1 hour each run | 63.1349(b)(4)(iii) | CEMs<br>Ave. 30 days | | Y | Y | Continuous |
| 63.1348(a)(4)(v) | Initial THC Compliance (Compliance by 9/9/2015) | Weight average THC when the raw is on and off | 63.1349(b)(4)(iv) | THC CEMs | | Y | Y | Continuous |
| 63.1348(a)(5) | Initial Mercury Compliance (Compliance by 9/9/2015) | Average 30 first days for initial compliance | 63.1349(b)(5) | Hg CEM or Sorbent Trap<br>Initial Test | | Y | Y | Continuous |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1348(a)(6)(i) | Initial HCl Compliance for Source with Wet Scrubber or Tray Tower (Compliance by 9/9/2015) | Arithmetic average 3 runs. Establish appropriate site specific parameter limits | 63.1349(b)(6)(i) | THC CEMs Ave. 30 days | | Y | Y | Continuous |
| 63.1348(a)(6)(ii) | Initial HCl Compliance for Source with no Wet Scrubber or Tray Tower (Compliance by 9/9/2015) | Average 30 first days for initial compliance | 63.1349(b)(6)(ii) | HCl CEMs Ave. 30 days | | Y | Y | Continuous |
| 63.1348(b)(1) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data and hourly clinker production rate | 63.1350, 63.1350(o), 63.1350(d) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(2) | Continuous PM Compliance (Compliance by 9/9/2015) | PM CEMS 30 days rolling avg for normal operation 7 days rolling avg for startup/shutdown | 63.1350(b) & (d) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(4) | Continuous D/F Compliance (Compliance by 9/9/2015) | Continuous temperature monitor | 63.1350(g) | CPMS P/C | | Y | Y | Continuous |
| 63.1348(b)(5)(i) | Continuous Activated Carbon Injection Compliance (Compliance by 9/9/2015) | Continuous activated carbon injection rate monitor 3-hr rolling avg injection rate | 63.1350(h)(1) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(5)(ii) | Continuous Gas Parameter Compliance (Compliance by 9/9/2015) | Continuous gas parameter monitor 3-hr rolling avg parameter value | 63.1350(h)(2) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(6) | Continuous THC Compliance (Compliance by 9/9/2015) | THC CEMS 30 days rolling avg for normal operation 7 days rolling avg for startup/shutdown | 63.1350(i) & (j) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(7) | Continuous Mercury Compliance (Compliance by 9/9/2015) | Mercury CEMS 30 days rolling avg for normal operation 7 days rolling avg for startup/shutdown | 63.1350(k) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(8) | Continuous HCl Compliance (Compliance by 9/9/2015) | HCl CEMS | 63.1349(b)(6) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(8)(i) | Continuous HCl Compliance for Source with no Wet Scrubber or Tray Tower (Compliance by 9/9/2015) | HCl CEMS 30 days rolling avg for normal operation 7 days rolling avg for startup/shutdown | 63.1350(l)(1) | CEMS P/C | | Y | Y | Continuous |
| 63.1348(b)(8)(ii) | Continuous HCl Compliance for Source with Wet Scrubber or Tray Tower (Compliance by 9/9/2015) | HCl CEMS 30 days rolling avg for normal operation 7 days rolling avg for startup/shutdown | 63.1350(l)(2) | CEMS P/C | | Y | Y | Continuous |
| 63.1349(a) | Performance Test Requirements | Test description, method, etc… | 63.7(c)(2)(i) | Initial | Y | | Y | Continuous |
| 63.1349(b)(1) | PM Emissions Tests (Compliance by 9/9/2015) | Install, operate, calibrate maintain a PM CEMS First 30 days of initial PM CEMS, hourly PM concentration, stack volumetric flow rate | 63.1350(b), 63.1350(m) (5), 63.1350(d) | Initial | | Y | Y | Continuous |
| 63.1349(b)(2) | Opacity Test (Compliance to Limits prior to 9/9/2010 until the New Limits become effective on 9/9/2015) | Method 9 – 3 hours (30-6 minutes average); Reduce to 1hr if no individual reading > 10% opacity | 63.1350(c)(2) (NESHAP LLL 6/14/1999) | Visual inspection (M9) P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1349(b)(3) | D/F Emissions Tests | Install, operate, calibrate maintain a temperature CPMS | 63.1350(m) (1), through 63.1350(m)(4) | Method 23 Initial | | Y | Y | Continuous |
| 63.1349(b)(4) | THC CEMS Relative Accuracy Test (Compliance by 9/9/2015) | THC Span value (as C3) is 50 ppmvd Demonstrate compliance with RATA when accuracy between the CEMS and test audit is within 20% or test audit result | 63.1350(1) | Within 30 days of initial CEMS | | Y | Y | Continuous |
| 63.1349(b)(5) | Mercury Emissions Tests (Compliance by 9/9/2015) | Mercury CEMS or Sorbent Trap monitoring system | 63.1350(k) | Within 30 days of initial CEMS | | Y | Y | Continuous |
| 63.1349(b)(6) | HCl Emissions Test (Compliance by 9/9/2015) | HCl CEMS | 63.1350(l)(1) | Within 30 days of initial CEMS | | Y | Y | Continuous |
| 63.1349(c) | Performance Test Frequency if not monitored by CEMS | Dioxin, total organic HAP and HCl | | P/every 30 mons | | Y | Y | Continuous |
| 63.1350(b)(1) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Install, operate PM monitor accordance with Performance Specification 11 (Appendix B) and Procedure 2 (Appendix F) | | CEMS PS 11 (Method 5 or 5i), Procedure 2 | | Y | Y | Continuous |
| 63.1350(b)(2) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Relative Response Audits and Response Correlation Audits | | P/A Relative Response Audits and every 3 yrs Response Correlation Audits | | Y | Y | Continuous |
| 63.1350(b)(3) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Continuous measuring and recording exhaust gas flow rate | 63.1350(n)(1) to (n)(10) | | | Y | Y | Continuous |
| 63.1350(b)(4) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Collect reading at least every 15 mins. Sum the hourly to daily data then into a 30 day rolling avg or 7 day rolling avg | | Reading at least every 15 mins | | Y | Y | Continuous |
| 63.1350(d) (1),(2) & (3) | Clinker Production Monitoring Requirements (Compliance by 9/9/2015) | Weigh the clinker produced or feed mass flow to kiln within 5% accuracy | | Hourly rate | | Y | Y | Continuous |
| 63.1350(d)(4) | Develop an Emissions Monitoring Plan (Compliance by 9/9/2015) | | 63.1350(o)(1) to (o)(10) | | | Y | Y | Continuous |
| 63.1350(g) | D/F Monitoring Requirements | Continuous Temperature Monitor, Hourly temperature is the avg of previous 3 hr rolling, using 1 min data | | Every 1 min | | Y | Y | Continuous |
| 63.1350(h) | D/F Monitoring Requirements | Develop an Emission Monitoring Plan | 63.1350(p)(1) to (p)(4) | | | Y | Y | Continuous |
| 63.1350(h)(1)(i) & (ii) | Monitoring Requirements for Sources Using Sorbent Injection (Compliance by 9/9/2015) | Continuous activated carbon injection rate monitor within 1% accuracy, Hourly rate is the avg of previous 3 hr rolling | Calibration every 3 mons | | | Y | Y | Continuous |
| 63.1350(i) | THC Monitoring Requirements (Compliance by 9/9/2015) | Develop an Emission Monitoring Plan | 63.1350 (m)(1) to (m)(4) | | | Y | Y | Continuous |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1350(j) | Total Organic HAP Monitoring Requirements (Compliance by 9/9/2015) | Develop an Emission Monitoring Plan | 63.1350(p)(1) to (p)(4) | | | Y | Y | Continuous |
| 63.1350(j) | Monitoring Requirements for Total Organic HAP | Install, operate and maintain THC CEMS | 63.1350(i)(1) to (i)(2) and | | | Y | Y | Continuous |
| | (Compliance by 9/9/2015) | | (m)(1) to (m)(4) | | | | | |
| 63.1350(k) | Mercury Monitoring Requirements (Compliance by 9/9/2015) | Develop an Emission Monitoring Plan | 63.1350(p)(1) to (p)(4) | | | Y | Y | Continuous |
| 63.1350(k)(4) | Hg CEMS (Compliance by 9/9/2015) | Install, operate and maintain Hg CEMS | 63.1350(n)(1) to (n)(10) | | | Y | Y | Continuous |
| 63.1350(l) | HCl Monitoring Requirements (Compliance by 9/9/2015) | Develop an Emission Monitoring Plan | 63.1350(p)(1) to (p)(4) | | | Y | Y | Continuous |
| 63.1350(m) | Parameter Monitoring Requirements (Compliance by 9/9/2015) | Install, operate and maintain Continuous Monitor Parameter System (CMPS) | 63.1350(m) (1) to (m)(11) | | | Y | Y | Continuous |
| 63.1354(b) | Reporting Requirements | | 63.1354(b)(9)(vi) | CEMS P/C | Ave. Hg, THC, PM and HCl – once every month | Y | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(ii) | Data Collection – average of four or more data values equally spaced over each hour | CAM Plan: Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/W Visual Inspection (M22) P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition# 603** | | | | | | | | |
| Part 2 | Throughput Limits (Basis: Cumulative Increase) | Coal: 29 ton/hr<br>Coke: 20 ton/hr<br>Coal/Coke: 4,960,000 MMBTU/year | BAAQMD Condition # 603 Part 10 | Record keeping P/D | Quarterly | Y | Y | Continuous |
| Part 5 | Hexavalent Chromium emission limit (Basis: Toxics) | 1.06 lbs per any consecutive 12 month period | BAAQMD Condition # 603 Part 8 | Annual Source Test P/A | Once every six months | Y | N | Continuous |
| Part 7 | Flow Meter requirement (Basis: Regulation 2-6-503) | 4 Flow meters at A-141 and A-142; 2 Flow meters at A-171 and A-172 | BAAQMD Condition # 603 Part 10 | CEM C | Quarterly | Y | Y | Continuous |
| Part 8 | Annual Source Test for trace metals, benzene, HCl, and THC (Basis: Periodic Monitoring, Regulation 1-502) | Trace metals (Sb, As, Be, Cd, total Cr, $Cr^{6+}$,Cu, Hg, Mn, Ni, P, Pb, Se, V, Zn), benzene, Hydrochloric Acid (HCL) and total hydrocarbon (THC) | | Annual Source Test P/A | Annual | Y | N | Continuous |
| Part 9 | Source Test Procedure (Basis: Source test compliance verification and accuracy) | | | Source Test P/A | Annual | Y | N | Continuous |
| Part 10 | Record keeping (Basis: Recordkeeping) | | | Record keeping P/D | Quarterly | Y | Y | Continuous |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 11 | Use Lime Slurry Injection System to mitigate/maintain HCl Emissions (Basis: Cumulative Increase, NESHAP Subpart LLL) | 3 ppmvd | BAAQMD Condition # 603, Part 12 | CEM C | Quarterly | Y | Y | Continuous |
| Part 13 | Recordkeeping (Basis: RACT) | | | CEM C | Quarterly | Y | Y | Continuous |
| Part 14a | Recordkeeping (Basis: Cumulative Increase) | At least 5 years | | CEM C | Quarterly | Y | Y | Continuous |
| *Part 14b | Recordkeeping (basis: H&S Code 44300 et seq.) (Volume V) | At least 5 years | | CEM Hg C | Monthly | Y | N | Continuous |
| *Part 16 | Total Mercury Emission Limits | 261 lb/yr (12-month rolling avg) 0.064 lb/hr | | CEM C | Monthly | Y | N | Continuous |
| *Part 18 | Hg Calculation Using Material Balance during the period waiting for the Hg CEMs certification from EPA. (Basis: H&S Code 44300 et seq.) | | | Lab Analysis of Inlet & Outlet Materials Monthly | Monthly | Y | N | Continuous |
| **BAAQMD Condition # 2786** | | | | | | | | |
| Part A1 | Sulfur dioxide limitation (Basis: Regulation 2-2-212 cumulative increase) | SO2 Rejection of 90% of the sulfur in the raw feed plus fuel, not requiring 0.6% sulfur coal as the fuel; or 481 lb/hr averaged over the 24 hour day (423 lbs/hr if coal emissions are not monitored | BAAQMD condition # 2786, part A3 | CEM C | Once every six months | Y | Y | Continuous |
| Part B | Annual Source Test requirement (Basis: Cumulative Increase, Regulation 1-502) | | | Source Test P/A | Annual | Y | Y | Continuous |
| Part B(1) | PM Limit (Basis: Regulation 2-2- 212 Cumulative increase) | PM10 36 lb/hr and 0.02 gr/DSCF | BAAQMD condition # 2786 part B | Annual Source Test P/A | Annual | Y | Y | Continuous |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition #11780, part E (2) | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 11780** | | | | | | | | |
| Part B | Production limits (Basis: Regulation 2-2-212 Cumulative Increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition #11780, part E (2) | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part C(1) | Emission limits (Basis: RACT) | NOx All kiln emission points <1158 lb/hr and <615 ppm averaged for 2 hr | BAAQMD condition #11780, part E | CEM C | Once every six months | Y | Y | Continuous |
| Part C(3) | Emission limits (Basis: RACT) | NOx ≤6.4 lb/ton clinker on a 24-hr basis (averaged over 30 days) | BAAQMD condition #11780, part E | CEM/ Record keeping C | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #24781** | CAM Condition | | | | | | | |

**Table IV & Table VII- N**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-141 Raw Mill 1 (4-GM-1), S-142 Raw Mill 2 (4-GM-2), S-143 Raw Mill 1 Separator system (4-SE-3), S-144 Raw Mill 2 Separator Circuit (4-SE-4), S-171 Kiln Fuel Mill System, S-172 Precalciner Fuel Mill System, S-154 Precalciner Kiln abated by A-141, A-142, A-143, A-144, A-171, A-172 Dust Collectors, and A-154 Lime/Carbonate Dry/Slurry Injection System, A-156 Activated Carbon Injection System and A-157 Selective Non-Catalytic Reductionand A-154 Lime Slurry Injection System and A-156 Activated Carbon Injection System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 23 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 Daily | | P/D | | | Y | Continuous |
| Part 27 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Weekly | | P/W | | | Y | Continuous |
| Part 29 | Gauges Calibration ( 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 31 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 32 | Source Test (Regulation 2-1-403) | Annually | | P/A | | Y | Y | Continuous |

1. The units listed in Table VII-N were not in operation during the reporting period.

**Table IV & Table VII- O**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-161 Clinker Cooler (5-CC-1) abated by A-161 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM Condition # 24781, Part 27 63.1350(b)(i) | Pressure Drop Monitoring- P/W PM CEMS- P/C (9/9/2015) | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM Condition # 24781, Part 23; or BAAQMD condition # 20753, part 2 | Visual Inspection (M22) or Visual Inspection (M9) P/D | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition # 24781, Part 27 63.1350(b)(i) | Pressure Drop Monitoring- P/W PM CEMS P/C (9/9/2015) | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD condition # 2786 part B | Annual Source Test P/A | Annual | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM Condition # 24781, Part 27 63.1350(b)(i) | Pressure Drop Monitoring- P/W PM CEMS- P/C (Effective 9/9/2015) | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM Condition # 24781, Part 23; or BAAQMD condition # 20753, part 2 | Visual Inspection (M22) or Visual Inspection (M9) P/D | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition # 24781, Part 27 63.1350(b)(i) | Pressure Drop Monitoring- P/W PM CEMS- P/C (9/9/2015) P/C P/M for A-161 | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD condition # 2786 part B | Annual Source Test P/A | Annual | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10) (Effective on 11/8/10)** | | | | | | | |
| 63.1343(b)(1) | PM Emission Limit - normal operation (Compliance by 9/9/2015) | 0.04 lb/ton clinker (dry basis) | 63.1349(b)(1) 63.1350(b), 63.1350(m) (5), 63.1350(d) | Initial Test CEMS P/C | | Y | Y | Continuous |

**Table IV & Table VII- O**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-161 Clinker Cooler (5-CC-1) abated by A-161 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| | PM Emission Limit – startup & shutdown operation (Compliance by 9/9/2015) | 0.004 gr/dscf (dry basis) | 63.1349(b)(1) 63.1350(b), 63.1350(m) (5), 63.1350(d) | Initial Test CEMS P/C | | Y | Y | Continuous |
| | PM emission limit (NESHAP LLL 6/14/1999) | PM10 0.10 lb/ton dry feed | 63.1349(c) (NESHAP LLL 6/14/1999) | Source Test (M5) P/Every 5 years | Every 5 years | Y | Y | Continuous |
| | Opacity limit (NESHAP LLL 6/14/1999) | OPACITY 10% | 63.1350(d)(2) (NESHAP LLL 6/14/1999) | Visual Inspection (M9) P/D | Once every six months | Y | Y | Continuous |
| | Opacity limit (NESHAP LLL 6/14/1999) | OPACITY 10% | 63.1349(c) (NESHAP LLL 6/14/1999) | Source Test (M9) P/Every 5 years | Every 5 years | Y | Y | Continuous |
| 63.1348(a)(1) | Initial PM Compliance (Compliance by 9/9/2015) | 0.04 lb/ton clinker (dry basis) | 63.1349(b)(1) | Initial Test | | Y | Y | Continuous |
| 63.1348(b)(1) | Continuous Compliance Requirements (Compliance by 9/9/2015) | Monitor and Collect Data | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(2) | Continuous PM Compliance (Compliance by 9/9/2015) | PM CEMS 30 days rolling avg for normal operation 7 days rolling avg for startup/shutdown | 63.1350(b), 63.1350(d) | CEMS P/C | | Y | Y | Continuous |
| 63.1349(a) | Performance Test Requirements | Test description, method, etc… | 63.7(c)(2)(i) | Initial | Y | | Y | Continuous |
| 63.1349(b)(1) | PM Emissions Tests (Compliance by 9/9/2015) | Install, operate, calibrate maintain a PM CEMS First 30 days of initial PM CEMS, hourly PM concentration, stack volumetric flow rate | 63.1350(b), 63.1350(d) | Initial | | Y | Y | Continuous |
| 63.1349(b)(2) | Opacity Test (Compliance to Limits prior to 9/9/2010 until the New Limits become effective on 9/9/2015) | Method 9 – 3 hours (30-6 minutes average); Reduce to 1hr if no individual reading > 10% opacity | 63.1350(c)(2 (NESHAP LLL 6/14/1999) | Visual inspection (M9) P/D | Once every six months | Y | Y | Continuous |
| 63.1350(b)(1) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Install, operate PM monitor accordance with Performance Specification 11 (Appendix B) and Procedure 2 (Appendix F) | | CEMS PS 11 (Method 5 or 5i), Procedure 2 | | Y | Y | Continuous |
| 63.1350(b)(2) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Relative Response Audits and Response Correlation Audits | | P/A Relative Response Audits and every 3 yrs Response Correlation Audits | | Y | Y | Continuous |
| 63.1350(b)(3) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Continuous measuring and recording exhaust gas flow rate | 63.1350(n)(1) to (n)(10) | | | Y | Y | Continuous |
| 63.1350(b)(4) | PM Monitoring Requirements for Sources using PM CEMS (Compliance by 9/9/2015) | Collect reading at least every 15 mins. Sum the hourly to daily data then into a 30 day rolling avg or 7 day rolling avg | | Reading at least every 15 mins | | Y | Y | Continuous |
| 63.1350(d)(1),(2) & (3) | Clinker Production Monitoring Requirements (Compliance by 9/9/2015) | Weight the clinker produced or feed mass flow to kiln within 5% accuracy | | Hourly rate within 30 days of 11/8/10 | | Y | Y | Continuous |
| 63.1350(d)(4) | Develop an Emissions Monitoring Plan (Compliance by 9/9/2015) | | 63.1350(o)(1) to (o)(10) | | | Y | Y | Continuous |

**Table IV & Table VII- O**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-161 Clinker Cooler (5-CC-1) abated by A-161 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1354(b) | Reporting Requirements | | 63.1354(b)(9)(vi) | CEMS P/C | Ave. Hg, THC, PM and HCl – once every month | Y | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan: Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/W Visual Inspection (M22) P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 2786** | | | | | | | | |
| Part B | Annual Source Test requirement (Basis: Cumulative Increase, Regulation 1-502) | | | Source Test P/A | Annual | Y | Y | Continuous |
| Part B(3) | PM Limit (Basis: Regulation 2-2- 212 Cumulative increase) | PM10 8 lb/hr and 0.01 gr/DSCF | BAAQMD condition # 2786 part B | Annual Source Test P/A | Annual | Y | Y | Continuous |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition #11780, part E (2) | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #24781** | CAM Condition | | | | | | | |
| Part 23 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 Daily | | P/D | | | Y | Continuous |
| Part 27 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Weekly | | P/W | | | Y | Continuous |
| Part 29 | Gauges Calibration ( 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 31 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 32 | Source Test (Regulation 2-1-403) | Annually | | P/A | | Y | Y | Continuous |

1. S-161 was not in operation during the reporting period.

**Table IV & Table VII- P**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-162 Clinker Silo (5-S-11) abated by A-162 Dust Collector**
**S-163 Clinker Silo (5-S-12) abated by A-163 Dust Collector**
**S-164 Free lime Storage Bin abated by A-164 Dust Collector**
**S-165 Clinker Transfer System abated by A-165 and A-190 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10<br>BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition #24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition #24781, Part 5 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10<br>BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10) (Effective on 11/8/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |

**Table IV & Table VII- P**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-162 Clinker Silo (5-S-11) abated by A-162 Dust Collector**
**S-163 Clinker Silo (5-S-12) abated by A-163 Dust Collector**
**S-164 Free lime Storage Bin abated by A-164 Dust Collector**
**S-165 Clinker Transfer System abated by A-165 and A-190 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22 P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22 P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22 P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/M Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 2786** | | | | | | | | |
| Part D | Production Rates (Basis: Regulation 2-2-212 cumulative increase) | Clinker throughput not to exceed 1.6 million tons/yr | BAAQMD condition # 11780, part E(2) | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight, | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Continuous |

**Table IV & Table VII- P**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-162 Clinker Silo (5-S-11) abated by A-162 Dust Collector**
**S-163 Clinker Silo (5-S-12) abated by A-163 Dust Collector**
**S-164 Free lime Storage Bin abated by A-164 Dust Collector**
**S-165 Clinker Transfer System abated by A-165 and A-190 Dust Collectors**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Monthly | | P/M | | | Y | Continuous |
| Part 7 | Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

1. S-162, S-163, S-164, and S-165 were not in operation during the reporting period.

**Table IV & Table VII- Q**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-167 Lime Bin abated by A-167 Baghouse, Pulse Jet Dust Collector**
**S-613 Storage Bin for Lime/soda Ash/Sodium Bicarbonate abated by A-613 Baghouse, Pulse Jet Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 24626, parts 1 & 2 | Pressure Drop Monitoring P/M | | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 24626, part 2 | Pressure Drop Monitoring P/M | | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD condition # 24646 part 9 | Source Test P/every 5 yrs | Initial & once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 24626, parts 1 & 2 | Pressure Drop Monitoring P/M | | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 24626, part 2 | Pressure Drop Monitoring P/M | | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD condition # 24646 part 9 | Source Test P/every 5 yrs | Initial & once every 5 yrs | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(f) | Baghouse that control emission from only an individual enclosed storage bin is exempt from the PM concentration, but must meet the opacity limit | OPACITY<br>< 7% | 60.675(c)(2)(i) | Visible Inspection (M9) Initial | | Y | Y | Continuous |
| 60.674(c) | Monitoring of operations | | | Visible Inspection (M22) P/Q | | Y | Y | Continuous |
| 60.675 | Test Methods and Procedures | | | Visible Inspection (M9) Initial | | Y | Y | Continuous |
| **BAAQMD Condition # 24626** | | | | | | | | |
| Part 1 | Ringelmann 1.0 limitation (Basis: BACT, Regulation 6-1, Regulation 1-301) | Ringelmann 1.0 for < 3 min/hr | BAAQMD Condition # 24626, part 2 | Pressure Drop Monitoring P/M | | Y | Y | Continuous |
| Part 2 | Abatement with manometer (Basis: 6-1-301, 6-1-310, 6-1-311, Regulation 2-1-403) | | | Pressure Drop Monitoring P/M | | | Y | Continuous |

**Table IV & Table VII- Q**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-167 Lime Bin abated by A-167 Baghouse, Pulse Jet Dust Collector**
**S-613 Storage Bin for Lime/soda Ash/Sodium Bicarbonate abated by A-613 Baghouse, Pulse Jet Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 3 | Outlet grain loading limit (Basis: Regulation 2-2-212 cumulative increase) | 0.0013 gr/dscf | BAAQMD Condition # 24626, part 9 | Source Test P/5 yrs | Initial & once every 5 yrs | Y | Y | Continuous |
| Part 4 | Throughput rate limit (Basis: Regulation 2-2-212 cumulative increase) | 5,800 tons/yr | BAAQMD Condition # 24626, part 6 | Record Keeping P/M | Annual | Y | Y | Continuous |
| Part 5 | Truck limits (Basis: to avoid cumulative increase of PM10) | 290 hydrated lime trucks per year ,70,000 total cement and hydrated lime trucks per year | BAAQMD Condition # 24626, part 6 | Record Keeping P/M | | Y | Y | Continuous |
| Part 6 | Recordkeeping (Basis: Cumulative Increase) | | | Record Keeping P/M | | Y | Y | Continuous |
| Part 7 | Baghouse Inspection Requirement (Basis: Regulation 2-1-403) | Pressure drop between 0.5' – 8' H2O | | Inspection P/M | | Y | Y | Continuous |
| Part 8 | Recordkeeping requirement for inspection (Basis: Regulation 1-441) | | | Record Keeping P/M | | Y | Y | Continuous |
| Part 9 | Source test requirement (Basis: Regulation 1-441) | Initial & once every 5 yrs | | Source Test Initial P/5 yrs | Initial & once every 5 yrs | Y | Y | Continuous |
| Part 10 | Source Test Procedure (Basis: Cumulative Increase) | | | Source Test P/5 yrs | Initial & once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition #16109** | | | | | | | | |
| Part 5 | Truck limits (Basis: 2-2-212) | 290 hydrated lime trucks per year ,70,000 total cement and hydrated lime trucks per year | BAAQMD Condition # 24626, part 6 | Record Keeping P/M | | Y | Y | Continuous |
| Part 6 | Recordkeeping (Basis: Cumulative Increase) | | | Record Keeping P/M | | Y | Y | Continuous |

1. S-167 and S-613 were not in operation during the reporting period.

**Table IV & Table VII- R**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-168 Activated Carbon Storage Silo abated by A-168 Dust Collector**
**S-169 Activated Carbon Feed Bin abated by A-169 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 24899, Parts 1 & 7 | Visual Inspection (M22)<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD Condition # 24899, Part 2 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD Condition # 24899, Part 9 | Source Test Initial P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD Condition # 24899, Parts 1 & 7 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD Condition # 24899, Part 2 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD Condition # 24899, Part 9 | Source Test Initial P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition #16109** | | | | | | | | |
| Part 5 | Truck limits (Basis: 2-2-212) | 70,000 total cement, hydrated lime and powdered activated carbon trucks per year | BAAQMD Condition # 24626, part 6 | Record Keeping<br>P/M | | Y | Y | Continuous |
| Part 6 | Recordkeeping (Basis: Cumulative Increase) | | | Record Keeping<br>P/M | | Y | Y | Continuous |
| **BAAQMD Condition # 24626** | | | | | | | | |
| Part 5 | Truck limits (Basis: 2-2-212) | 290 hydrated lime trucks, 70,000 total cement, hydrated lime and powdered activated carbon trucks per year | BAAQMD Condition # 24626, part 6 | Record Keeping<br>P/M | | Y | | Continuous |
| **BAAQMD Condition #24899** | | | | | | | | |
| Part 1 | Ringelmann 1.0 limitation (Basis:BACT, Regulation 6-1, Regulation 1-301) | Ringelmann 1.0 for < 3 min/hr | BAAQMD Condition # 24899, part 2 | Pressure Drop Monitoring<br>P/M | | Y | Y | Continuous |

**Table IV & Table VII- R**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-168 Activated Carbon Storage Silo abated by A-168 Dust Collector**
**S-169 Activated Carbon Feed Bin abated by A-169 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Abatement with manometer (Basis: 6-1-301, 6-1-310, 6-1-311, Regulation 2-1-403) | | | Pressure Drop Monitoring P/M | | | Y | Continuous |
| Part 3 | Outlet grain loading limit (Basis: Regulation 2-2-212 cumulative increase) | 0.0013 gr/dscf | BAAQMD Condition # 24899, part 9 | Source Test P/5 yrs | Initial & once every 5 yrs | Y | Y | Continuous |
| Part 4 | Throughput rate limit (Basis: Regulation 2-2-212 cumulative increase) | 5,800 tons/yr | BAAQMD Condition # 24899, part 6 | Record Keeping P/M | Annual | Y | Y | Continuous |
| Part 5 | Truck limits (Basis: to avoid cumulative increase of PM10) | 100 activated carbon trucks per year ,70,000 total cement, hydrated lime and powdered activated carbon trucks per year | BAAQMD Condition # 24899, part 6 | Record Keeping P/M | | Y | Y | Continuous |
| Part 6 | Recordkeeping (Basis: Cumulative Increase) | | | Record Keeping P/M | | Y | Y | Continuous |
| Part 7 | Baghouse Inspection Requirement (Basis: Regulation 2-1-403) | Pressure drop between 0.5' – 8' H2O | | Inspection P/M | | Y | Y | Continuous |
| Part 8 | Recordkeeping requirement for inspection (Basis: Regulation 1-441) | | | Record Keeping P/M | | Y | Y | Continuous |
| Part 9 | Source test requirement (Basis: Regulation 1-441) | Initial & once every 5 yrs | | Source Test Initial P/5 yrs | Initial & once every 5 yrs | Y | Y | Continuous |
| Part 10 | Source Test Procedure (Basis: Cumulative Increase) | | | Source Test P/5 yrs | Initial & once every 5 yrs | Y | Y | Continuous |

1. S-168 and S-169 were not in operation during the reporting period.

**Table IV & Table VII- S**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-176 Rock Plant #1 Storage Pile [1]**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | N | Continuous |
| 6-1-307.1 (Effective July 1, 2019) | Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites | VISIBILITY < 5 feet long, wide, or high and < 10 % opacity for more than 3 minutes in any hour or half as dark as Ringelmann 1; or Within site property line | BAAQMD 6-1-307.1 | Visual Inspection (M203B) | | | N | Continuous |
| 6-1-307.1 (Effective July 1, 2019) | Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites | VISIBILITY < 20 % opacity for more than 3 minutes in any hour or as dark as Ringelmann 1 | BAAQMD 6-1-307.2 | Visual Inspection (M203B) | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |

1. The ATC for Application 29811 was issued May 15, 2020, altering S-176. The changes requested in Application 29811 have not been incorporated into the Title V Permit as of this submittal. As such, the conditions from the current Title V Permit and the conditions from the ATC/proposed Title V Revision have been included in this Report.

**Table IV & Table VII- T**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-187 (aka S-387) Hopper and Storage Bin**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | | N | | | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | | N | | | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | N | | | Y | Continuous |

1. S-187 was not in operation during the reporting period.

**Table IV & Table VII- U**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-609 Primary Crusher**
**S-612 Secondary Crusher**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |

1. S-609 and S-612 were not in operation during the reporting period.

**Table IV & Table VII- V**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-210 Finish Mill (6-GM-1) abated by A-210 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 779, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detector Device P/C | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 779, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detector Device P/C | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 779, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detector Device P/C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 779, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detector Device P/C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10) (Effective on 11/8/10)** | | | | | | | |
| 63.1343(b)(1) | Opacity | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(2) | M9<br>Initial<br>M22<br>P/D | once every six mons | Y | Y | Continuous |
| | Opacity Limit (NESHAP LLL 6/14/1999) | OPACTIY 10% | 63.1350(m)<br>BAAQMD condition # 779, part 6 | Broken Bag Leak Detector Device C | Once every six months | Y | Y | Continuous |
| | Opacity Limit (NESHAP LLL 6/14/1999) | OPACTIY 10% | 63.1349(c) | Periodic Source Test (M9)<br>P/Every 5 years | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- V**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-210 Finish Mill (6-GM-1) abated by A-210 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(2) | M22<br>P/D | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>3 hrs (30 6- mins avg tests)<br>1 hr if no reading > 10% or no more than 3 reading of 10% for the first 1st hr<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(2)(i) | Finish Mill Opacity Monitor | 6 mins test | | M22<br>P/D | | | Y | Continuous |
| 63.1350(f)(2)(ii) | Finish Mill Opacity Monitor | If visible observed, conduct M22 test within 24 hrs | | M22<br>P/E | | | Y | Continuous |
| 63.1350(f)(2)(iii) | Finish Mill Opacity Monitor | If visible observed during the follow up M22 test, conduct M9 | | M9 - 30 mins<br>P/E | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Bag Leak Detector < 10 milligram per actual cubic meter | | Continuous parameter monitoring system (CPMS) | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 779** | | | | | | | | |
| Part 3 | Throughput Limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Clinker production not to exceed<br>1.6 million tons/yr<br>5000 ton/day import Clinker if kiln is down for more than 45 days in the last 366 days | BAAQMD condition #11780, part E | Record keeping<br>P/D | Once every six months | Y | Y | Continuous |
| Part 4 | Fugitive Emissions Limitation (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 779, part 6 | Broken Bag Leak Detector Device<br>P/C | Once every six months | Y | Y | Continuous |
| Part 6 | Broken Bag Leak Detection Device (Basis: NESHAPs, Regulation 2-6-503, BAAQMD MOP Volume II, Part 3, §4.7) | 70% maximum allowable current limit | BAAQMD condition # 779, part 6 | Broken Bag Leak Detector Device<br>P/C | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |

**Table IV & Table VII- V**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-210 Finish Mill (6-GM-1) abated by A-210 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 34 | Broken Bag Leak Detector Installation (NESHAP 40 CFR Part 63 Subpart LLL) | Continuous Parametric Monitoring System (CPMS) | | P/C | | | Y | Continuous |
| Part 40 | BLD Inspection ( 40 CFR Part 64.3(b)(3, EPA-454/R98-015 Guidance) | Monthly | | P/M | | | Y | Continuous |
| Part 42 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 43 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5yrs | | Y | Y | Continuous |

1. S-210 was not in operation during the reporting period.

**Table IV & Table VII- W**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-211 Separator (6-SE-2) abated by A-211 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 1545, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 1545, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 1545, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 1545, part 6, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry** | | | | | | | |
| 63.1343(b)(1) | Opacity | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(2) | M9<br>Initial<br>M22<br>P/D | once every six mons | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(2) | M22<br>P/D | | | Y | Continuous |

**Table IV & Table VII- W**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-211 Separator (6-SE-2) abated by A-211 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>3 hrs (30 6- mins avg tests) 1 hr if no reading > 10% or no<br>more than 3 reading of 10% for the first 1st hr<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(2)(i) | Finish Mill Opacity Monitor | 6 mins test | | M22<br>P/D | | | Y | Continuous |
| 63.1350(f)(2)(ii) | Finish Mill Opacity Monitor | If visible observed, conduct M22 test within 24 hrs | | M22<br>P/E | | | Y | Continuous |
| 63.1350(f)(2)(iii) | Finish Mill Opacity Monitor | If visible observed during the follow up M22 test, conduct M9 | | M9 - 30 mins<br>P/E | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| **40 CFR Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Bag Leak Detector < 10 milligram per actual cubic meter | | Continuous parameter monitoring system (CPMS) | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 1545** | | | | | | | | |
| Part 2 | Hourly PM10 mass rate limitation (Basis: Regulation 2-2-212 Cumulative Increase, BACT) | 70% maximum allowable current limit | BAAQMD condition # 1545, part 6 | Broken Bag Leak Detection Device<br>P/C | Once every six months | Y | Y | Continuous |
| Part 2 | Hourly PM10 mass rate limitation (Basis: Regulation 2-2-212 Cumulative Increase, BACT) | PM10<br>0.006 gr/dscf or 3.6 lb/hr of | BAAQMD condition # 1545, part 6 | Broken Bag Leak Detection Device<br>P/C | Once every six months | Y | Y | Continuous |
| Part 3 | Throughput Limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Clinker production not to exceed<br>1.6 million tons/yr | BAAQMD condition #11780 part E | Record keeping<br>P/D | Once every six months | Y | Y | Continuous |
| Part 5 | Visible PT Limitation (Basis: Regulation 6-1-301, Regulation 1-301, BACT) | Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 1545, part 6 | Broken Bag Leak Detection Device<br>P/C | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |

**Table IV & Table VII- W**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-211 Separator (6-SE-2) abated by A-211 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 34 | Broken Bag Leak Detector Installation (NESHAP 40 CFR Part 63 Subpart LLL) | Continuous Parametric Monitoring System (CPMS) | | P/C | | | Y | Continuous |
| Part 40 | BLD Inspection (40 CFR Part 64.3(b)(3), EPA-454/R-980015 Guidance | Monthly | | P/M | | | Y | Continuous |
| Part 42 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 43 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5 years | | Y | Y | Continuous |

1. S-211 was not in operation during the reporting period.

**Table IV & Table VII- X**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-216 Clinker Cake Conveyor (6-BC-13) abated by A-216 Dust Collector**
**S-217 Clinker Cake Conveyor (6-BC-15) abated by A-217 Dust Collector**
**S-221 Clinker Cake Feeder (6-WF-2) abated by A-221 Dust Collector**
**S-223 Synthetic Gypsum Feeder (6-WF-12) abated by A-221 Dust Collector**
**S-231 Pressed Cake Bin (6-SS-2) abated by A-231 Dust Collector**
**S-242 Clinker Cake Feeder (6-WF-3) abated by A-242 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 2-6-503** | **Monitoring** | Hours of Operation | BAAQMD condition # 4996, part 5 | Record keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4996, part 2 | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD condition # 4996, part 2 BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4996, part 2 | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD condition # 4996, part 2 BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10) (Effective on 11/8/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2) 63.1350(f)(1) | M9 Initial M22 P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9 Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |

**Table IV & Table VII- X**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-216 Clinker Cake Conveyor (6-BC-13) abated by A-216 Dust Collector**
**S-217 Clinker Cake Conveyor (6-BC-15) abated by A-217 Dust Collector**
**S-221 Clinker Cake Feeder (6-WF-2) abated by A-221 Dust Collector**
**S-223 Synthetic Gypsum Feeder (6-WF-12) abated by A-221 Dust Collector**
**S-231 Pressed Cake Bin (6-SS-2) abated by A-231 Dust Collector**
**S-242 Clinker Cake Feeder (6-WF-3) abated by A-242 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22 P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22 P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22 P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **BAAQMD Condition # 4995** | | | | | | | | |
| Part 7 | Combined natural and synthetic gypsum throughput for S-222, S- 223, S-243 and S-246 | 84,210 tons in any consecutive 12-month period | BAAQMD condition # 4995, part 6 | | | Y | Y | Continuous |
| Part 8 | Synthetic gypsum throughput for S-222, S-223, S-243 and S-246 | 15,000 tons in any consecutive 12-month period | BAAQMD condition # 4995, part 6 | | | Y | Y | Continuous |
| **BAAQMD Condition # 4996** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: Regulation 1-301, BACT) | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4996, part 2 BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| Part 3 | Outlet grain loading for A-217 and A-231 (Basis: Regulation 2-2-301.1 BACT) | PM10 0.006 gr/dscf | BAAQMD condition # 24621, part 2 | Source Test P/Every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

**Table IV & Table VII- X**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-216 Clinker Cake Conveyor (6-BC-13) abated by A-216 Dust Collector**
**S-217 Clinker Cake Conveyor (6-BC-15) abated by A-217 Dust Collector**
**S-221 Clinker Cake Feeder (6-WF-2) abated by A-221 Dust Collector**
**S-223 Synthetic Gypsum Feeder (6-WF-12) abated by A-221 Dust Collector**
**S-231 Pressed Cake Bin (6-SS-2) abated by A-231 Dust Collector**
**S-242 Clinker Cake Feeder (6-WF-3) abated by A-242 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 4 | Outlet grain loading for A-216, A- 221 and S-242 (Basis: Regulation 2-2-301.1 BACT) | PM10<br>0.0013 gr/dscf | BAAQMD condition # 24621, part 2 | Source Test P/Every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 4996, part 2 BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

1. S-216, S-217, S-221, S-223, S-231, and S-242 were not in operation during the reporting period.

**Table IV & Table VII- Y**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-218 Air Separator (6-SE-1) abated by A-218 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4997, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4997, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4997, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4997, part 9 BAAQMD CAM condition # 24781, Part 34, | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1343(b)(1) | Opacity | OPACITY 10% | 63.1349(b)(2)<br>63.1350(2) | M9<br>Initial<br>M22<br>P/D | once every six mons | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(2) | M22<br>P/D | | | Y | Continuous |

**Table IV & Table VII- Y**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-218 Air Separator (6-SE-1) abated by A-218 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>3 hrs (30 6- mins avg tests)<br>1 hr if no reading > 10% or no more than 3 reading of 10% for the first 1st hr<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(2)(i) | Raw Mill Opacity Monitor | 6 mins test | | M22<br>P/D | | | Y | Continuous |
| 63.1350(f)(2)(ii) | Raw Mill Opacity Monitor | If visible observed, conduct M22 test within 24 hrs | | M22<br>P/E | | | Y | Continuous |
| 63.1350(f)(2)(iii) | Raw Mill Opacity Monitor | If visible observed during the follow up M22 test, conduct M9 | | M9 - 30 mins<br>P/E | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Bag Leak Detector < 10 milligram per actual cubic meter | | Continuous parameter monitoring system (CPMS) | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 4997** | | | | | | | | |
| Part 2 | Visible emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 4997, part 9 | Broken Bag Leak Detection Device<br>P/C | Once every six months | Y | Y | Continuous |
| Part 3 | Outlet grain loading limitation (Basis: Regulation 2-2-301.1 BACT) | PM10<br>0.006 gr/dscf | BAAQMD condition # 4997, part 9 | Broken Bag Leak Detection Device<br>P/C | Once every six months | Y | Y | Continuous |
| Part 5 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Clinker production not to exceed<br>1.6 million tons/yr | BAAQMD condition # 4997, part 7 | Record keeping<br>P/D | Once every six months | Y | Y | Continuous |
| Part 7 | Record keeping (Basis: Cumulative Increase) | Hours of Operation | BAAQMD condition # 4997, part 7 | Record keeping<br>P/D | Once every six months | Y | Y | Continuous |
| Part 9 | Broken Bag Leak Detection Device (Basis: NESHAPS, Regulation 2-6-503, BAAQMD MOP Vol II, Part 3, § 4.7) | 70% maximum allowable current limit | BAAQMD condition # 4997, part 9 | Broken Bag Leak Detection Device<br>P/C | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- Y**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-218 Air Separator (6-SE-1) abated by A-218 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition #24781** | CAM Condition | | | | | | | |
| Part 34 | Broken Bag Leak Detector Installation (NESHAP 40 CFR Part 63 Subpart LLL) | Continuous Parametric Monitoring System (CPMS) | | P/C | | | Y | Continuous |
| Part 40 | BLD Inspection (40 CFR Part 64.3(b)(3), EPA-454/R-980015 Guidance | Monthly | | P/M | | | Y | Continuous |
| Part 42 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 43 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5 years | | Y | Y | Continuous |

1. S-218 was not in operation during the reporting period.

**Table IV & Table VII- Z**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-220 Finish Mill (6-GM-2) abated by A-220 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4998, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4998, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4998, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4998, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1343(b)(1) | Opacity | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(2) | M9<br>Initial<br>M22<br>P/D | once every six mons | Y | Y | Continuous |
| | Opacity Limit (NESHAP LLL 6/14/1999) | OPACTIY 10% | 63.1350(m)<br>BAAQMD condition # 4998, part 9 | Broken Bag Leak Detector Device C | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- Z**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-220 Finish Mill (6-GM-2) abated by A-220 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| | Opacity Limit (NESHAP LLL 6/14/1999) | OPACTIY 10% | 63.1349(c) | Periodic Source Test (M9) P/Every 5 years | Once every six months | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(2) | M22 P/D | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9 3 hrs (30 6- mins avg tests) 1 hr if no reading > 10% or no more than 3 reading of 10% for the first 1st hr Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(2)(i) | Raw Mill Opacity Monitor | 6 mins test | | M22 P/D | | | Y | Continuous |
| 63.1350(f)(2)(ii) | Raw Mill Opacity Monitor | If visible observed, conduct M22 test within 24 hrs | | M22 P/E | | | Y | Continuous |
| 63.1350(f)(2)(iii) | Raw Mill Opacity Monitor | If visible observed during the follow up M22 test, conduct M9 | | M9 - 30 mins P/E | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour common stack, a BLD system must be installed in each baghouse compartment or cell | | P/E | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan: Bag Leak Detector < 10 milligram per actual cubic meter | | Continuous parameter monitoring system (CPMS) | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 4998** | | | | | | | | |
| Part 2 | Visible emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | OPACITY Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 4998, part 9 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| Part 3 | Outlet grain loading limitation (Basis: Regulation 2-2-301.1 BACT) | PM10 0.006 gr/dscf | BAAQMD condition # 4998, part 9 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| Part 5 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Import 5,000 tons for each day the kiln is down in excess of 45 days | BAAQMD condition # 4998, part 7 | Log/ Hours of Operation P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- Z**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-220 Finish Mill (6-GM-2) abated by A-220 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 5 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Clinker production not to exceed 1.6 million tons/yr | BAAQMD condition # 4998, part 7 | Record keeping P/D | Once every six months | Y | Y | Continuous |
| Part 9 | Broken Bag Leak Detection Device (Basis: NESHAPS, Regulation 2-6-503, BAAQMD MOP Vol II, Part 3, § 4.7) | 70% maximum allowable current limit | BAAQMD condition # 4998, part 9 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 34 | Broken Bag Leak Detector Installation (NESHAP 40 CFR Part 63 Subpart LLL) | Continuous Parametric Monitoring System (CPMS) | | P/C | | | Y | Continuous |
| Part 40 | BLD Inspection (40 CFR Part 64.3(b)(3), EPA-454/R-980015 Guidance | Monthly | | P/M | | | Y | Continuous |
| Part 42 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 43 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5 years | | Y | Y | Continuous |

1. S-220 was not in operation during the reporting period.

**Table IV & Table VII- AA**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-222 Gypsum feeder (6-WF-4) abated by A-222 Dust Collector**
**S-223 Synthetic Gypsum Feeder (6-WF-12) abated by A-221 Dust Collector**
**S-240 Additive Conveyor/bins abated by A-240 Dust Collector**
**S-243 6-GM-1 Gypsum Feeder (6-WF-9) abated by A-243 Dust Collector**
**S-244 Pozzolan Feeder (6-WF-7) abated by A-244 Dust Collector**
**S-245 6-GM-1 Clay Feeder (6-WF-5) abated by A-245 Dust Collector**
**S-246 Synthetic Gypsum Feeder (6-WF-11) abated by A-243 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4995, part 2<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4995, part 2<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD condition # 24621, part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4995, part 2<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 20753, part 1 | Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4995, part 2<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD condition # 24621, part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |

**Table IV & Table VII- AA**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-222 Gypsum feeder (6-WF-4) abated by A-222 Dust Collector**
**S-223 Synthetic Gypsum Feeder (6-WF-12) abated by A-221 Dust Collector**
**S-240 Additive Conveyor/bins abated by A-240 Dust Collector**
**S-243 6-GM-1 Gypsum Feeder (6-WF-9) abated by A-243 Dust Collector**
**S-244 Pozzolan Feeder (6-WF-7) abated by A-244 Dust Collector**
**S-245 6-GM-1 Clay Feeder (6-WF-5) abated by A-245 Dust Collector**
**S-246 Synthetic Gypsum Feeder (6-WF-11) abated by A-243 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 &<br>63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22<br>P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22<br>P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **BAAQMD Condition # 4995** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: Regulation 1-301, Regulation 6-1-301, BACT) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 4995, part 2<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- AA**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-222 Gypsum feeder (6-WF-4) abated by A-222 Dust Collector**
**S-223 Synthetic Gypsum Feeder (6-WF-12) abated by A-221 Dust Collector**
**S-240 Additive Conveyor/bins abated by A-240 Dust Collector**
**S-243 6-GM-1 Gypsum Feeder (6-WF-9) abated by A-243 Dust Collector**
**S-244 Pozzolan Feeder (6-WF-7) abated by A-244 Dust Collector**
**S-245 6-GM-1 Clay Feeder (6-WF-5) abated by A-245 Dust Collector**
**S-246 Synthetic Gypsum Feeder (6-WF-11) abated by A-243 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 3 | Outlet grain loading (Basis: Regulation 2-2-301.1 BACT) | PM10<br>0.0013 gr/dscf | BAAQMD condition # 4995, part 2<br>BAAQMD condition # 24621, part 2 | Source Test P/Every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| Part 7 | Combined natural and synthetic gypsum throughput for S-222, S-223, S-243 and S-246 | 84,210 tons in any consecutive 12-month period | BAAQMD condition # 4995, part 6 | | | Y | Y | Continuous |
| Part 8 | Synthetic gypsum throughput for S-222, S-223, S-243 and S-246 | 15,000 tons in any consecutive 12-month period | BAAQMD condition # 4995, part 6 | | | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

1. S-222, S-223, S-240, S-243, S-244, S-245, and S-246 were not in operation during the reporting period.

**Table IV & Table VII- BB**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-230 Hydraulic Roller Press (6-RP-1) abated by A-230 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4999, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4999, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 4999, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 4999, part 9, BAAQMD CAM condition # 24781, Part 34 | Broken Bag Leak Detection Device P/C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition # 24781, Part 43, BAAQMD # 24621, Part 2 | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1343(b)(1) | Opacity | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(2) | M9<br>Initial<br>M22<br>P/D | once every six mons | Y | Y | Continuous |
| | Opacity Limit (NESHAP LLL 6/14/1999) | OPACTIY 10% | 63.1350(m)<br>BAAQMD condition # 4999, part 9 | Broken Bag Leak Detector Device C | Once every six months | Y | Y | Continuous |
| | Opacity Limit (NESHAP LLL 6/14/1999) | OPACTIY 10% | 63.1349(c) | Periodic Source Test (M9)<br>P/Every 5 years | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- BB**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-230 Hydraulic Roller Press (6-RP-1) abated by A-230 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 & 63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(2) | M22 P/D | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9 3 hrs (30 6- mins avg tests) 1 hr if no reading > 10% or no more than 3 reading of 10% for the first 1st hr Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(2)(i) | Raw Mill Opacity Monitor | 6 mins test | | M22 P/D | | | Y | Continuous |
| 63.1350(f)(2)(ii) | Raw Mill Opacity Monitor | If visible observed, conduct M22 test within 24 hrs | | M22 P/E | | | Y | Continuous |
| 63.1350(f)(2)(iii) | Raw Mill Opacity Monitor | If visible observed during the follow up M22 test, conduct M9 | | M9 - 30 mins P/E | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan: Bag Leak Detector < 10 milligram per actual cubic meter | | Continuous parameter monitoring system (CPMS) | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 4999** | | | | | | | | |
| Part 1 | Visible emissions (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 4999, part 9 | | | | Y | Continuous |
| Part 3 | Outlet grain loading limitation (Basis: Regulation 2-2-301.1 BACT) | PM10 0.006 gr/dscf | BAAQMD condition # 4999, part 9 | Broken Bag Leak Detector Device P/C | As needed | Y | Y | Continuous |
| Part 5 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Clinker production not to exceed 1.6 million tons/yr | BAAQMD condition # 4999, part 7 | Log/record keeping P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- BB**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-230 Hydraulic Roller Press (6-RP-1) abated by A-230 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 5 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Import 5,000 tons for each day the kiln is down in excess of 45 days | BAAQMD condition # 4999, part 7 | Log/record keeping P/D | Once every six months | Y | Y | Continuous |
| Part 9 | Broken Bag Leak Detection Device (Basis: NESHAPS, Regulation 2-6-503, BAAQMD MOP Vol II, Part 3, § 4.7) | 60% maximum allowable current limit | BAAQMD condition # 4999, part 9 | Broken Bag Leak Detector Device P/C | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 34 | Broken Bag Leak Detector Installation (NESHAP 40 CFR Part 63 Subpart LLL) | Continuous Parametric Monitoring System (CPMS) | | P/C | | | Y | Continuous |
| Part 40 | BLD Inspection (40 CFR Part 64.3(b)(3), EPA-454/R-980015 Guidance | Monthly | | P/M | | | Y | Continuous |
| Part 42 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 43 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5 years | | Y | Y | Continuous |

1. S-230 was not in operation during the reporting period.

**Table IV & Table VII- CC**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-300 Rockplant #3 Six Wet Aggregate Storage Piles abated by A-616 Water Spray System** [1]

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7252, part 6 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition #7252, part 2 & 4 | Water Spray System C | Once every six months | Y | N | Continuous |
| 6-1-307.1 | Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites | VISIBILITY < 5 feet long, wide, or high and < 10 % opacity for more than 3 minutes in any hour or half as dark as Ringelmann 1; or Within site property line | BAAQMD 6-1-307.1 | Visual Inspection (M203B) | | | N | Continuous |
| 6-1-307.1 | Prohibition of Visible Emissions Within and From Regulated Bulk Material Sites | VISIBILITY < 20 % opacity for more than 3 minutes in any hour or as dark as Ringelmann 1 | BAAQMD 6-1-307.2 | Visual Inspection (M203B) | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7252, part 6 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition #7252, part 2 & 4 | Water Spray System C | Once every six months | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(b) | Standard for Particulate Matter | OPACITY <10% | 60.11 and 60.675 | Visual Inspection (M9) Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition #7252** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7252, part 6 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 5 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Stockpiles product <1.5 million tons/yr | BAAQMD condition # 7252, part 6 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |

1. The ATC for Application 29811 was issued May 15, 2020, modifying S-300 from four wet aggregate storage piles to six aggregate storage piles. The changes requested in Application 29811 have not been incorporated into the Title V Permit as of this submittal. As such, the conditions from the current Title V Permit and the conditions from the ATC/proposed Title V Revision have been included in this Report.

**Table IV & Table VII- DD**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-301 Rail Loadout System abated by A-301 Rail Loadout Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7837, part 4; BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | N | Continuous |
| 6-1-402 | Alternate Source Test Frequency | | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7837, part 4; BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 7837, part 4 | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations Instruments and Appraisal of Visible Emissions | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Regulation 9-13** | **Nitrogen Oxides, Particulate Matter, and Toxic Air Contaminants from Portland Cement Manufacturing (10/19/16)** | | | | | | | |
| 9-13-302 | Opacity | < 10 % opacity for more than 3 minutes in any hour or half as dark as Ringelmann 1 | BAAQMD 9-13-609 | Visual Inspection (M9) | | Y | N | Continuous |
| 9-13-304 | Fugitive Dust Mitigation Control Measures | Drops Heights, wind break, enclosures, area cover, water spray, vacuum, Dust Control Plan | | Visual Inspection (M9) | | Y | N | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (7/27/15)** | | | | | | | |
| 63.1345 | Opacity Limit<br>Control Devices | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |

**Table IV & Table VII- DD**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-301 Rail Loadout System abated by A-301 Rail Loadout Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22 P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22 P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour point | | M22, then M9 within 1 hr P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **BAAQMD Condition # 7837** | | | | | | | | |
| Part 1 | Throughput limitation (Basis: Cumulative Increase) | Cement at source < 312,000 tons/yr | BAAQMD condition # 7837, part 7 | Log/Record Keeping P/D | Annually | Y | Y | Continuous |
| Part 2 | Visible Particulates requirement (Basis: BACT, Regulation 6-1-301, Regulation 1-301) | Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7837, part 4 BAAQMD condition #20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| Part 5 | Outlet grain loading limitation (Basis: Regulation 2-2-212 Cumulative Increase) | 0.01 gr/dscf | BAAQMD condition # 7837, part 4 BAAQMD condition #20751, part 3b | Pressure Drop Monitoring P/E | As needed | Y | Y | Continuous |
| Part 6 | Hours of operation limitation (Basis: Regulation 2-2-212 Cumulative Increase) | 2,080 hours of operation/yr | BAAQMD condition # 7837, part 7 | Log/Record Keeping P/D | Annually | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |

**Table IV & Table VII- DD**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-301 Rail Loadout System abated by A-301 Rail Loadout Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

1. S-301 was not in operation during the reporting period.

**Table IV & Table VII- EE**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-340 Coarse Rock Withdrawal System abated by A-340 Baghouse**
**S-341 Screens abated by A-341 Baghouse**
**S-343 Crushed Rock Conveyors abated by A-341 Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-310.1 | Total Suspended Particulate (TSP) Concentration Limits | TSP 0.15 gr/dscf | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-310.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Concentration Limits | Table 6-1-310.2 | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-311.1 | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.1 | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-311.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.2 | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-402 | Alternate Source Test Frequency | | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-504 | Demonstration of TSP Compliance | | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(a) | Standard for Particulate Matter | PM10<br>0.022 gr/dscf | 60.8 and 60.675 | Test Method (M5 or M17)<br>Initial | Initial | N | Y | Continuous |

**Table IV & Table VII- EE**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-340 Coarse Rock Withdrawal System abated by A-340 Baghouse**
**S-341 Screens abated by A-341 Baghouse**
**S-343 Crushed Rock Conveyors abated by A-341 Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 60.672(a) | Standard for Particulate Matter with Capture System | OPACITY<br>< 7% | 60.8 and 60.675 | Visible Inspection (M9)<br>Initial | Initial | N | Y | Continuous |
| 60.672(b) | Standard for Particulate Matter without Capture System | OPACITY<br>< 10% | 60.11 and 60.675 | Visible Inspection (M9)<br>Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition # 7247** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| Part 3 | Outlet grain loading limitation (Basis: Regulation 2-2-301.1 BACT, Regulation 2-2-212 Cumulative Increase, Regulation 2-2-303 Offsets) | PM10<br>0.0013 gr/dscf | BAAQMD condition # 7247, part 2 | Pressure Drop Monitoring<br>P/E | As needed | Y | Y | Continuous |
| Part 5 | Rock specific throughput limitation (Basis: Regulation 2-2- 212 Cumulative Increase) | Total of overburden coarse rock processed 1.5 million tons/yr | BAAQMD condition # 7247, parts 8 & 9 | Log/Record Keeping<br>P/D | Once every four months | Y | Y | Continuous |
| Part 6 | Rock specific throughput limitation (Basis: Regulation 2-2- 212 Cumulative Increase) | Total of combined overburden coarse rock, sub-base rock and class 2 rock processed 2.5 million tons/yr | BAAQMD condition # 7247, parts 8 & 9 | Log/Record Keeping<br>P/D | Once every four months | Y | Y | Continuous |
| Part 7 | Hours of operation limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Total hours of operation 5,660/yr | BAAQMD condition # 7247, parts 8 & 9 | Log/Record Keeping<br>P/D | Once every four months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

**Table IV & Table VII- FF**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-390 Conveyor abated by A-390 Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-310.1 | Total Suspended Particulate (TSP) Concentration Limits | TSP 0.15 gr/dscf | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-310.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Concentration Limits | Table 6-1-310.2 | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | N | Continuous |
| 6-1-311.1 | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.1 | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-311.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.2 | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-402 | Alternate Source Test Frequency | | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-504 | Demonstration of TSP Compliance | | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **BAAQMD Condition # 7247** | | | | | | | | |

**Table IV & Table VII- FF**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-390 Conveyor abated by A-390 Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7247, part 2b<br>BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| Part 3 | Outlet grain loading limitation (Basis: Regulation 2-2-301.1 BACT, Regulation 2-2-212 Cumulative Increase, Regulation 2-2-303 Offsets) | PM10<br>0.0013 gr/dscf | BAAQMD condition # 7247, part 2 | Pressure Drop Monitoring<br>P/E | As needed | Y | Y | Continuous |
| Part 5 | Rock specific throughput limitation (Basis: Regulation 2-2- 212 Cumulative Increase) | Total of overburden coarse rock processed 1.5 million tons/yr | BAAQMD condition # 7247, parts 8 & 9 | Log/Record Keeping<br>P/D | Once every four months | Y | Y | Continuous |
| Part 6 | Rock specific throughput limitation (Basis: Regulation 2-2- 212 Cumulative Increase) | Total of combined overburden coarse rock, sub-base rock and class 2 rock processed 2.5 million tons/yr | BAAQMD condition # 7247, parts 8 & 9 | Log/Record Keeping<br>P/D | Once every four months | Y | Y | Continuous |
| Part 7 | Hours of operation limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Total hours of operation 5,660/yr | BAAQMD condition # 7247, parts 8 & 9 | Log/Record Keeping<br>P/D | Once every four months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3b | Pressure Drop Monitoring<br>P/Q | Once every six months | Y | Y | Continuous |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

**Table IV & Table VII- GG**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-342 Rock Crushers abated by A-342 Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | N | Continuous |
| 6-1-310.1 | Total Suspended Particulate (TSP) Concentration Limits | TSP 0.15 gr/dscf | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | N | Continuous |
| 6-1-310.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Concentration Limits | Table 6-1-310.2 | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | N | Continuous |
| 6-1-311.1 | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.1 | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-311.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.2 | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-402 | Alternate Source Test Frequency | | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| 6-1-504 | Demonstration of TSP Compliance | | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(a) | Standard for Particulate Matter | PM10<br>0.022 gr/dscf | 60.8 and 60.675 | Test Method (M5 or M17)<br>Initial | Initial | N | Y | Continuous |
| 60.672(a) | Standard for Particulate Matter | OPACITY<br>< 7% | 60.8 and 60.675 | Visible Inspection (M9)<br>Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition # 7246** | | | | | | | | |

**Table IV & Table VII- GG**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-342 Rock Crushers abated by A-342 Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | Y | Continuous |
| Part 2 | Outlet grain loading limitation (Basis: Regulation 2-2-301.1 BACT, Regulation 2-2-212 Cumulative Increase, Regulation 2-2-303 Offsets) | PM10<br>0.0013 gr/dscf | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | Y | Continuous |
| Part 5 | Rock specific throughput limitation (Basis: Regulation 2-2- 212 Cumulative Increase) | Total of overburden coarse rock processed 1.5 million tons/yr | BAAQMD condition # 7246, part 9 | Log/Record Keeping P/D | Once every four months | Y | Y | Continuous |
| Part 6 | Rock specific throughput limitation (Basis: Regulation 2-2- 212 Cumulative Increase) | Total of combined overburden coarse rock, sub-base rock and class 2 rock processed 2.5 million tons/yr | BAAQMD condition # 7246, part 9 | Log/Record Keeping P/D | Once every four months | Y | Y | Continuous |
| Part 7 | Hours of operation limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Total hours of operation 5,660/yr | BAAQMD condition # 7246, part 9 | Log/Record Keeping P/D | Once every four months | Y | Y | Continuous |
| Part 10 | Broken Bag Leak Detection Device (Basis: NSPS, Regulation 2-6-503, BAAQMD MOP Vol II, Part 3, § 4.7) | 60% maximum allowable current limit | BAAQMD condition # 7246, part 10 | Broken Bag Leak Detection Device C | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr<br>FILTERABLE PARTICULATE<br>0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

**Table IV & Table VII- HH**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-344 Rockplant Wet Screen Feed Conveyor abated by A-350 Water Spray System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7248, part 5 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| **SIP Regulation6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7248, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(b) | Standard for Particulate Matter | OPACITY<br><10% | 60.11 and 60.675 | Visual Inspection (M9) Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition # 7248** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7248, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 3 | Abatement water flow rate requirement (Basis: Regulation 2- 2-212 Cumulative Increase) | Completely “surface wet” | BAAQMD condition # 7248, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 4 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Rock processed <1.5 million tons/yr | BAAQMD condition # 7248, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- II**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-350 Rockplant Wet Screen and Conveying abated by A-350 Water Spray System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7249, part 5 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| **SIP Regulation6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7249, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(b) | Standard for Particulate Matter | OPACITY<br><10% | 60.11 and 60.675 | Visual Inspection (M9) Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition # 7249** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7249, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 3 | Abatement water flow rate requirement (Basis: Regulation 2- 2-212 Cumulative Increase) | Completely “surface wet” | BAAQMD condition # 7249, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 4 | Surface wet condition (Basis: BACT, Regulation 1-301) | Completely “surface wet” | BAAQMD condition # 7249, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- JJ**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-360 Rockplant Wet Aggregate Loadout System abated by A-360 Water Spray System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7250, part 5 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7250, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(b) | Standard for Particulate Matter | OPACITY<br><10% | 60.11 and 60.675 | Visual Inspection (M9) Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition # 7250** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 minh/hr | BAAQMD condition # 7250, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 3 | Abatement water flow rate requirement (Basis: Regulation 2- 2-212 Cumulative Increase) | Completely “surface wet” | BAAQMD condition # 7250, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 4 | Surface wet condition (Basis: BACT, Regulation 1-301) | Completely “surface wet” | BAAQMD condition # 7250, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- KK**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-380 Sand Transfer Hopper**
**S-381 Sand Storage Pile**
**S-382 Water Clarifier Fines System**
**S-380, S-381, And S-382 Also Abated by A-370 Haul Road Sprinkler System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(b) | Standard for Particulate Matter | OPACITY<br><10% | 60.11 and 60.675 | Visual Inspection (M9) Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition # 7251** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY<br>Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 3 | Particulate controls for unpaved roads (Basis: Regulation 2-2-301.1 BACT) | Completely “surface wet” | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 4 | Surface wet condition (Basis: BACT, Regulation 1-301) | Completely “surface wet” | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |

1. S-380, S-381, and S-382 were not in operation during the reporting period.

**Table IV & Table VII- LL**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-370 Aggregate Additive Transfer System with Silo abated by A-370 Haul Road Sprinkler System**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 7251** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1- 301, Regulation 1-301) | OPACITY Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 3 | Particulate controls for unpaved roads (Basis: Regulation 2-2-301.1 BACT) | Completely “surface wet” | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 4 | Surface wet condition (Basis: BACT, Regulation 1-301) | Completely “surface wet” | BAAQMD condition # 7251, part 5 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |

1. S-370 was not in operation during the reporting period.

**Table IV & Table VII- MM**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-383 Rock Plant 2 Conveyors abated by A-384 Dust Collector**
**S-384 Rock Plant 2 Screens abated by A-384 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | 40 CFR Part 64.3(b)(4)(iii); BAAQMD CAM Condition # 24781, Part 16 BAAQMD CAM condition # 24781, Part 12 | Pressure Drop Monitoring P/Q Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-310.1 | Total Suspended Particulate (TSP) Concentration Limits | TSP 0.15 gr/dscf | 40 CFR Part 64.3(b)(4)(iii); BAAQMD CAM Condition # 24781, Part 16 BAAQMD CAM condition # 24781, Part 12 | Pressure Drop Monitoring P/Q Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-310.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Concentration Limits | TSP 0.15 gr/dscf | 40 CFR Part 64.3(b)(4)(iii); BAAQMD CAM Condition # 24781, Part 16 BAAQMD CAM condition # 24781, Part 12 | Pressure Drop Monitoring P/Q Visual Inspection (M22) P/Q | Once every six months | Y | N | Continuous |
| 6-1-311.1 | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.1 | BAAQMD Condition #24621, Part 2 BAAQMD CAM condition # 24781, Part 21 | Source Test P/once every 5 yrs | Once every six months | Y | N | Continuous |
| 6-1-311.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.2 | BAAQMD Condition #24621, Part 2 BAAQMD CAM condition # 24781, Part 21 | Source Test P/once every 5 yrs | Once every six months | Y | N | Continuous |
| 6-1-402 | Alternate Source Test Frequency | | CAM Condition #24781, Part 21 | Source Test P/once every 5 yrs | Once every six months | Y | N | Continuous |
| 6-1-504 | Demonstration of TSP Compliance | | CAM Condition #24781, Part 21 | Source Test P/once every 5 yrs | Once every six months | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |

**Table IV & Table VII- MM**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-383 Rock Plant 2 Conveyors abated by A-384 Dust Collector**
**S-384 Rock Plant 2 Screens abated by A-384 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | 40 CFR Part 64.3(b)(4)(iii); BAAQMD CAM Condition # 24781, Part 16 BAAQMD CAM condition # 24781, Part 12 | Pressure Drop Monitoring P/Q Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | 40 CFR Part 64.3(b)(4)(iii); BAAQMD CAM Condition # 24781, Part 16 BAAQMD condition #20753, part 1 | Pressure Drop Monitoring P/Q Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD Condition #24621, Part 2 BAAQMD CAM condition # 24781, Part 21 | Source Test P/once every 5 yrs | Once every six months | Y | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring**<br>(apply to S-384 only) | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan:<br>Pressure Drop 0.5 to 8 inches water | | Pressure Drop Monitoring P/Q Visual Inspection (M22) P/Q | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 12 | Conduct Visible Emissions (NSPS 40 CFR Part 60 Subpart OOO) | M22 Quarterly | | P/Q | | | Y | Continuous |
| Part 16 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Quarterly | | P/Q | | | Y | Continuous |
| Part 18 | Gauges Calibration (40 CFR Part 60, Subpart OOO, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 20 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | | | P/A | | | Y | Continuous |
| Part 21 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5 years | | Y | Y | Continuous |

**Table IV & Table VII- NN**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-412 Finish Mill (6-GM-3) abated by A-218 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 13900, parts 1, 4, & 7 | Broken Bag Leak Detector Device C | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 13900, parts 1,4, & 7 | Broken Bag Leak Detector Device C | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD condition # 13900, parts 1, 4, & 7 | Broken Bag Leak Detector Device C | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD condition # 13900, parts 1,4, & 7 | Broken Bag Leak Detector Device C | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1343(b)(1) | Opacity | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(2) | M9<br>Initial<br>M22<br>P/D | once every six mons | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(2) | M22<br>P/D | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>3 hrs (30 6- mins avg tests)<br>1 hr if no reading > 10% or no more than 3 reading of 10% for the first 1st hr<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(2)(i) | Finish Mill Opacity Monitor | 6 mins test | | M22<br>P/D | | | Y | Continuous |

**Table IV & Table VII- NN**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-412 Finish Mill (6-GM-3) abated by A-218 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1350(f)(2)(ii) | Finish Mill Opacity Monitor | If visible observed, conduct M22 test within 24 hrs | | M22 P/E | | | Y | Continuous |
| 63.1350(f)(2)(iii) | Finish Mill Opacity Monitor | If visible observed during the follow up M22 test, conduct M9 | | M9 - 30 mins P/E | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| **BAAQMD Condition # 13900** | | | | | | | | |
| Part 2 | Visible Particulate requirements (Basis: BACT, Regulation 6-1- 301, Regulation 1-301, Cumulative Increase) | OPACTIY Ringelmann 1.0 < 3 min/hr | BAAQMD condition # 13900, parts 1, 4, & 7 | Broken Bag Leak Detector Device C | Once every six months | Y | Y | Continuous |
| Part 3 | Outlet grain loading limitation (Basis: Regulation 2-2-301.1 BACT) | 0.006 gr/dscf | BAAQMD condition # 13900, parts 1, 4, & 7 | Broken Bag Leak Detector Device P/E | Once every six months | Y | Y | Continuous |
| Part 5 | Throughput Limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Clinker production not to exceed 1.6 million tons/yr | BAAQMD condition # 13900, part 6 | Log/Record Keeping P/D | Once every six months | Y | Y | Continuous |
| Part 7 | Broken Bag Leak Detection Device (Basis: NESHAPS, Regulation 2-6-503, BAAQMD MOP Volume II, Part 3, §4.7) | 70% maximum allowable current limit | BAAQMD condition # 13900, part 7 | Broken Bag Leak Detector Device C | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #20751** | | | | | | | | |
| Part 2 | Baghouse Pressure Drop Limit (Regulation 2-6-503) | Operating pressure drop range (0 to 10 inch water) | BAAQMD condition # 20751, part 3a | Pressure Drop Monitoring P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition #24621** | | | | | | | | |
| Part 2 | Perform Source Test at least once every five years (Regulation 6-1) | OPACITY Ringelmann 1.0 for < 3 min/hr FILTERABLE PARTICULATE 0.15 gr/dscf & $4.10P^{0.67}$ lb/hr where P is process weight | | Source Test P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |

1. S-412 was not in operation during the reporting period.

**Table IV & Table VII- OO**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-414 Kiln Dust Additive Bin abated by A-413 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 1 | Visual Inspection (M22)<br>P/~~Q~~M | Once every six months | Y | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition # 24781, Part 5 and # 13982, part 2 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | BAAQMD CAM condition # 24781, Part 1 | Visual Inspection (M22)<br>P/M | Once every six months | Y | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | BAAQMD CAM condition # 24781, Part 5 and # 13982, part 2 | Pressure Drop Monitoring<br>P/M | Once every six months | Y | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | BAAQMD CAM condition #24781, Part 10 BAAQMD condition # 24621, Part 2 | Source Test<br>P/once every 5 yrs | Once every 5 yrs | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63, Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 &<br>63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |

**Table IV & Table VII- OO**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-414 Kiln Dust Additive Bin abated by A-413 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9 Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22 P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22 P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22 P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| 63.1350(m)(6)(iv) | | Check pressure tap pluggage daily | | P/D | | | Y | Continuous |
| 63.1350(m)(6)(v) | | Check gauge calibration quarterly and transducer calibration monthly | | P/Q and P/M | | | Y | Continuous |
| **40 CFR, Part 64** | **Compliance Assurance Monitoring** | | | | | | | |
| 64.3(b)(4)(iii) | Data Collection at least once per 24-hour period | CAM Plan: Pressure Drop 0.5 to 10 inches water | | Pressure Drop Monitoring P/M Visual Inspection (M22) P/M | Once every six months | Y | Y | Continuous |
| **BAAQMD Condition # 13982** | | | | | | | | |
| Part 1 | Visible Particulates requirement (Basis: BACT, Regulation 6-1, Regulation 1-301) | Ringelmann 1.0 | BAAQMD condition # 13982, parts 2, 6 BAAQMD CAM Condition # 24781, Part 5 | Pressure Drop Monitoring P//M | Once every six months | Y | Y | Continuous |
| Part 2 | Baghouse Manometer (Basis: Regulation 6-1-301, 6-1-310, 6-1-311, Regulation 2-1-403 | | BAAQMD condition # 13982, part 6 | Pressure Drop Monitoring P/M | | | Y | Continuous |
| Part 3 | Outlet grain loading limitation (Basis: Regulation 2-2-212 Cumulative Increase) | PM10 0.0013 gr/dscf | BAAQMD condition # 13982, parts 2, 6 BAAQMD CAM Condition # 24781, Part 5 | Pressure Drop Monitoring P/ M | Once every six months | Y | Y | Continuous |
| Part 4 | Throughput limitation (Basis: Regulation 2-2-212 Cumulative Increase) | Cement kiln dust shall not exceed 42,755 tons/yr | BAAQMD condition # 13982, part 5 | Record Keeping P/M | Once every six months | Y | Y | Continuous |
| Part 6 | Baghouse Inspection (Basis: Regulation 2-1-403) | Pressure Drop 0.5" – 8" H2O | | P/M | Once every six months | Y | Y | Continuous |
| Part 8 | Source Test | Initial & once every five years | | P/5 yrs | Once every five years | Y | Y | Continuous |

**Table IV & Table VII- OO**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-414 Kiln Dust Additive Bin abated by A-413 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Condition # 24781** | CAM Condition | | | | | | | |
| Part 1 | Conduct Visible Emissions (NESHAP 40 CFR Part 63 Subpart LLL) | M22 monthly | | P/M | | | Y | Continuous |
| Part 5 | Pressure Drop Reading (40 CFR Part 64.3(b)(4)(iii) | Monthly | | P/M | | | Y | Continuous |
| Part 7 | Gauges Calibration (40 CFR Part 63, Subpart LLL, 40 CFR Part 64.3(b)(3) | Quarterly | | P/Q | | | Y | Continuous |
| Part 9 | Abatement Device Inspection (40 CFR 64.6(c)(1)(iii) | Annually | | P/A | | | Y | Continuous |
| Part 10 | Source Test (Regulation 2-1-403) | Once every 5 years | | P/every 5 yrs | | Y | Y | Continuous |

1. S-414 was not in operation during the reporting period.

**Table IV & Table VII- PP**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-444 Emergency Clinker Conveyor abated by A-444 Water Spray**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | Y | Y | Continuous |
| **NESHAP, 40 CFR, Part 63 Subpart LLL** | **Portland Cement Manufacturing Industry (9/9/10)** | | | | | | | |
| 63.1345 | Opacity Limit | OPACITY 10% | 63.1349(b)(2)<br>63.1350(f)(1) | M9<br>Initial<br>M22<br>P/M | | | Y | Continuous |
| 63.1348(a)(2) | Initial Compliance Requirements | Opacity 10% | 63.1349(b)(2) | M9<br>Initial | | | Y | Continuous |
| 63.1348(b)(1)(i) | General Requirements (Compliance by 9/9/2015) | Monitor, collect CEMs data | 63.1350 &<br>63.1350(o) | | | Y | Y | Continuous |
| 63.1348(b)(3)(i) | Continuous Compliance Requirements | Opacity 10% | 63.1350(f)(1) | M22<br>P/M | | | Y | Continuous |
| 63.1349(b)(2) | Opacity Performance Testing Requirements | Opacity M9 of appendix A-4, Part 60 (3 hours – 30 6 mins avg) | | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(i) | Opacity Performance Testing Requirements | If no individual opacity >10%, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1349(b)(2)(ii) | Opacity Performance Testing Requirements | If no more than 3 reading of 10% for the first-hour period, M9 can reduce to 1 hr | 63.1349(c) | M9<br>Initial | | Y | Y | Continuous |
| 63.1350(f)(1)(i) | Opacity Monitor Requirement | 10-min visible test with M22 of appendix A-7 | | M22<br>P/M | | | Y | Continuous |
| 63.1350(f)(1)(ii) | Opacity Monitor Requirement | If no visible observed in 6 consecutive tests, reduce M22 to semi-annual | | M22<br>P/SA | | | Y | Continuous |
| 63.1350(f)(1)(iii) | Opacity Monitor Requirement | If no visible observed during the semi-annual test, reduce M22 to annual | | M22<br>P/A | | | Y | Continuous |
| 63.1350(f)(1)(iv) | Opacity Monitor Requirement | If visible observed during any M22 tests, conduct 5 6-mins of M9 within 1 hour | | M22, then M9 within 1 hr<br>P/E | | | Y | Continuous |
| 63.1350(f)(1)(vi) | Partially Enclosed or Unenclosed Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(1)(vii) | Building Opacity Monitor Requirement | M22 for at least 10 mins | | M22 | | | Y | Continuous |
| 63.1350(f)(3) | Corrective Actions | Within 1 hour | | P/E | | | Y | Continuous |
| **BAAQMD Condition # 23416** | | | | | | | | |
| Part 3 | Maximum throughput (Regulation 2-2-212 Cumulative Increase) | Clinker processed < 75,000 tons in any consecutive 365 day period | BAAQMD Condition # 23416, part 4 | Log/Record Keeping<br>P/D | Once every six months | Y | Y | Continuous |

**Table IV & Table VII- PP**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-444 Emergency Clinker Conveyor abated by A-444 Water Spray**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|

1. S-444 was not in operation during the reporting period.

**Table IV & Table VII- QQ**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-501 Emergency Diesel Generator**
**S-502 Emergency Diesel Generator**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-303 | Ringelmann Number 2 Limitation | OPACITY<br>Ringelmann 2.0 for < 3 min/hr | | N | | | N | Continuous |
| 6-1-310.1 | Total Suspended Particulate (TSP) Concentration Limits | TSP<br>0.15 gr/dscf | | N | | | N | Continuous |
| 6-1-310.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Concentration Limits | Table 6-1-310.2 | | N | | | N | Continuous |
| 6-1-311.1 | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.1 | | N | | | N | Continuous |
| 6-1-311.2 (Effective July 1, 2020) | Total Suspended Particulate (TSP) Weight Limits | Table 6-1-311.2 | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-303 | Ringelmann Number 2 Limitation | OPACITY<br>Ringelmann 2.0 for < 3 min/hr | | N | | | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | | N | | | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | N | | | Y | Continuous |
| **BAAQMD Regulation 9, Rule 1** | **Inorganic Gaseous Pollutants: Sulfur Dioxide (3/15/1995)** | | | | | | | |
| 9-1-301 | Ground Level Concentration | **SO2**<br>< 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes, or 0.05 ppm averaged over 24 hours. | | N | | | Y | Continuous |
| 9-1-304 | Fuel Burning (Liquid and Solid Fuels) | Sulfur content of liquid fuel ≤ 0.5% by weight | | N | | | Y | Continuous |
| **BAAQMD Regulation 9, Rule 8** | **Inorganic Gaseous Pollutants: NOx and CO from Stationary Internal Combustion Engines (7/25/2007)** | | | | | | | |
| 9-8-330.2 | Emergency Standby Engines, Hours of Operation | Reliability-related activities limited to 100 hours per calendar year | BAAQMD Condition # 24375, part 1 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| 9-8-330.3 | Emergency Standby Engines, Hours of Operation | Reliability-related activities limited to 50 hours per calendar year | BAAQMD Condition # 24375, part 1 | Log/Record Keeping P/D | Once every six months | Y | N | Continuous |
| **BAAQMD Condition # 24375** | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part 1 | 20 hours of reliability related testing and unlimited hours of emergency standby power [Basis: "Stationary Diesel Engine ATCM" CA Code of Regulations, Title 17, section 93115.6(b)(3)(A)(1)(a)] | 20 hours/year | BAAQMD Condition # 24375, Part 4 | Log/Record keeping P/D | As needed | Y | Y | Continuous |

**Table IV & Table VII- RR**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-505 Portable Pump Driver**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-303 | Ringelmann Number 2 Limitation | OPACITY<br>Ringelmann 2.0 for < 3 min/hr | | N | | | N | Continuous |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | | N | | | N | Continuous |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-303 | Ringelmann Number 2 Limitation | OPACITY<br>Ringelmann 2.0 for < 3 min/hr | | N | | | Y | Continuous |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE<br>0.15 gr/dscf | | N | | | Y | Continuous |
| 6-311 | General Operations | FILTERABLE PARTICULATE<br>$4.10P^{0.67}$ lb/hr. where P is process weight, ton/hr | | N | | | Y | Continuous |
| **BAAQMD Regulation 9, Rule 1** | **Inorganic Gaseous Pollutants: Sulfur Dioxide (3/15/1995)** | | | | | | | |
| 9-1-301 | Ground Level Concentration | **SO2**<br>< 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes, or 0.05 ppm averaged over 24 hours. | | N | | | Y | Continuous |
| 9-1-304 | Fuel Burning (Liquid and Solid Fuels) | Sulfur content of liquid fuel ≤ 0.5% by weight | | N | | | Y | Continuous |
| **BAAQMD Condition # 24557** | | | | | | | | |
| Part 1 | Low use engine hourly limit [Basis: "Portable Diesel Engine ATCM" CA Code of Regulations, Title 17, section 93116.2(a)22)] | 80 hours/year | BAAQMD Condition # 24557, Part 4 | Log/Recordkeeping P/E | As needed | Y | Y | Continuous |
| Part 2 | Ringelmann No. 2 Limitation [Basis: BAAQMD Regulation 6-1] | 40% Opacity | | N | | | Y | Continuous |

1. S-505 was not in operation during the reporting period.

**Table IV & Table VII- SS**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-600 Quarry Blasting and Mobile Operations**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 1** | **General Provisions and Definitions (7/19/2006)** | | | | | | | |
| 1-301 | Public Nuisance | The owner/operator of S-600 shall not emit emissions in sufficient quantities as to cause a public nuisance under Regulation 1-301 | BAAQMD condition #21025, part 1 | N | | | N | Continuous |
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | BAAQMD condition #21025, part 2 | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |
| **BAAQMD Condition # 21025** | | | | | | | | |
| Part 1 | Public Nuisance (Basis: Regulation 1-301) | The owner/operator of S-600 shall not emit emissions in sufficient quantities as to cause a public nuisance under Regulation 1-301 | BAAQMD condition #21025, part 1 | N | | | Y | Continuous |
| Part 2 | Ringelmann No. 1 Limitation (Basis: Regulation 6-301) | OPACITY Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |
| Part 3 | Recordkeeping (Basis: Regulation 2-2-212 Cumulative Increase) | Total explosives | BAAQMD 2-2-212 | P/M | N | Y | Y | Continuous |

1. S-600 was not in operation during the reporting period.

**Table IV & Table VII- TT**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-608 Hopper/Grizzly Feeder abated by A-608 Water Suppression Spray**
**S-610 Conveyor System (BC-1, BC-2, BC-3) abated by A-610, A-611, A-612 Dust Collectors**
**S-611 Vibrating Grizzly abated by A-610 Dust Collector**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(b) | Standard for Particulate Matter | PM10<br>0.014 gr/dscf | 60.8 and 60.675 | Test Method (M5 or M17)<br><br>Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition #25380** | | | | | | | | |
| Part 2 | Shall equipped Dust Collector with pressure drop device | Check plugging | | P/every 3 months | | | Y | Continuous |
| Part 3 | Ensure Proper Operation | Pressure drop between 2-6 inches H2O | | P/Q | | | Y | Continuous |

1. S-608, S-610, and S-611 were not in operation during the reporting period.

**Table IV & Table VII- UU**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements**
**S-606 Storage Piles (Area 1) abated by A-606 Water Spray (mobile water truck)**
**S-607 Storage Piles (Area 2) abated by A-607 Water Spray (mobile water truck)**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status[1] (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (12/05/07)** | | | | | | | |
| 6-1-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | N | Continuous |
| **SIP Regulation 6** | **Particulate Matter and Visible Emissions (09/04/98)** | | | | | | | |
| 6-301 | Ringelmann Number 1 Limitation | OPACITY<br>Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |
| **NSPS 40 CFR 60 Subpart OOO** | **Standards of Performance for Nonmetallic Mineral Processing Plants (04/28/2009)** | | | | | | | |
| 60.672(b) | Standard for Particulate Matter | OPACITY<br><10% | 60.11 and 60.675 | Visual Inspection (M9)<br>Initial | Initial | N | Y | Continuous |
| **BAAQMD Condition # 24274** | | | | | | | | |
| Part 1 | Throughput Limit (Basis: Cumulative Increase) | S-606: 198,400 short tons/yr coal, 171,034 short tons/yr coke, 60,000 short tons/yr Bauxite, 50,000 short tons/yr Iron Ore<br>S-607: 20,000 short tons/yr 1" aggregate, 200,000 short tons/yr<br>¼" aggregate, 20,000 short tons/yr slag | BAAQMD condition #24274 Part 4 | Log/Record Keeping P/M | Annual | Y | Y | Continuous |
| Part 2 | Opacity Limit (Basis: Regulation 6-1-301) | Ringelmann 1.0 for < 3 min/hr | | N | | | Y | Continuous |
| Part 3 | Abatement with water sprays (Basis: Cumulative Increase) | Water spray enough to maintain compliance with Ringelmann 1.0 | | N | | | Y | Continuous |
| Part 4 | Recordkeeping (Basis: Cumulative Increase) | | | Log/Record Keeping P/M | Annual | Y | Y | Continuous |

1. S-606 and S-607 were not in operation during the reporting period.

**Table IV & Table VII- VV**
**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements [1]**
**S-616 Portable Jaw Crusher abated by A-616 Water Spray**
**S-617 Portable Cone Crusher abated by A-616 Water Spray**
**S-618 Portable Rock Plant abated by A-616 Water Spray**
**S-619 Portable Screen Plant #1 abated by A-616 Water Spray**
**S-620 Portable Screen Plant #2 abated by A-616 Water Spray**
**S-621 Portable Screen Plant #3 abated by A-616 Water Spray**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | R | FE | Compliance Status (Continuous/ Intermittent) |
|---|---|---|---|---|---|---|---|---|
| **BAAQMD Regulation 6, Rule 1** | **Particulate Matter (8/1/18)** | | | | | | | |
| 60.672(b) and (d) | Standard for Particulate Matter | All listed equipment except S-616 and S-617 < 7% opacity<br>S-616 and S-617 < 12% opacity<br>Truck dumping exempted | 60.11 and 60.675 | Monthly 60.674(b) | Initial | Y | Y | Continuous |
| **BAAQMD Condition # X (new)** | | | | | | | | |
| Part 1 | Throughput Limit (Basis Cumulative Increase) | Overburden Coarse Rock 500,000 tons in any 12 months | Condition # X (new), Part 8 | Monthly | | Y | Y | Continuous |
| Part 2 | Opacity Limit (Basis: Regulation 6-1-301) | OPACITY<br>Ringelmann 1.0 for < 3 min/hr or equivalent to 20% opacity | Condition # X (new), Part 6 | | Initial | | Y | Continuous |
| Part 3 | Opacity Limit (Basis: 40 CFR §60.672(b), §60.672(d), Table 3) | S-616 and S-617 <12% opacity except for truck dumping into S-616 | Condition # X (new), Part 6 | | Initial | | Y | Continuous |
| Part 4 | Opacity Limit (Basis: 40 CFR §60.672(b), Table 3) | S-618, S-619, S-620 and S-621 <7% opacity | Condition # X (new), Part 6 | | Initial | | Y | Continuous |
| Part 5 | Water Spray (Basis: Regulation 2-2-208 Cumulative Increase, Regulation 2-1-403) | Water Spray Control | Condition # X (new), Part 6 | | Initial | | Y | Continuous |
| Part 6 | Intimal Compliance Test (Basis: 40 CFR §60.675(a) | Initial Compliance Test | Method 9 | | Within 30 days of test | | Y | Continuous |
| Part 7 | Monthly Inspections (Basis: 40 CFR §60.674(b)) | Perform monthly periodic inspections of A-616 Water Spray Dust Suppression System | | Monthly | | Y | Y | Continuous |
| Part 8 | Recordkeeping (Basis: Cumulative Increase, 40 CFR §60.676(b) | Maintain log of throughput, monthly inspections, corrective actions | §60.676(b) | Monthly | | Y | Y | Continuous |
| Part 9 | Prohibit Simultaneous Operation (Basis: Cumulative Increase) | Shall not operate portable rock plant concurrently with Rock Plant #3 | | | | | Y | Continuous |
| Part 10 | Throughput Limit (Basis: Cumulative Increase) | Combined Rock Plant #3 and Portable Rock Plant throughput < 1,500,000 tons/12 months Overburden coarse rock | Condition # X (new), Part 8 | Monthly | | Y | Y | Continuous |
| Part 11 | Throughput Limit (Basis: Cumulative Increase) | Combined Rock Plant #3 S-390 and Portable Rock Plant throughput < 2,500,000 tons/12 months Overburden Coarse, Sub-Base, and Class 2 Rock | Condition # X (new), Part 8 | Monthly | | Y | Y | Continuous |

1. The ATC for Application 29811, including S-616 through S-617 was issued May 15, 2020. Construction of the portable aggregate plant commenced in January 2021 and clearance to operate the plant was received from Santa Clara County on June 2, 2021. Operation of the portable aggregate plant commenced on June 4, 2021. The changes requested in Application 29811 have not been incorporated into the Title V Permit as of this submittal. As such, the conditions from the current Title V Permit and the conditions from the ATC have been included in this Report.