



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B000184

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MAY 2008

OWNER OF OPERATOR (Co.#2239)

CalPortland Company
19409 National Trails Hwy
Oro Grande, CA 92368

EQUIPMENT LOCATION (Fac.#3)

CalPortland Oro Grande
19409 National Trails Hwy
Oro Grande, CA 92368

Description:

KILN AND CLINKER COOLER SYSTEM NO. 7 (170) consisting of:

EQUIPMENT

Capacity	Equipment Description
5	44-412 Belt conveyor kiln 7 feed
20	44-427 Elevator #7 to kiln #7
50	44-450 Air compressor
10	44-464 Shell Fans, kilns 6 and 7 2 @ 5 hp ec
150	44-497 Kiln #7 Drive - Input of 120 MMBTUH
15	44-507 Cooler
5	44-510 Chain conveyor, drag, cooler 7
125	44-513 Fans cooler #7; 100 & 25 hp
25	44-515 Clinker breaker
250	44-567 Coal mill, CM-77
2	44-577 Belt feeder to coal mill
4.5	44-607,617 Valves (2: #7 & #17 - 1.5, 3.0 HP)
4	44-627,637 Valves (2: #27 & #37 - 2 HP each)
40.5	44-671-677 Screw conveyor (7.5, 5, 5, 5, 7.5, 3, 7.5)
95	44-702,705 & 709 Blowers (3: 40, 50, 5 HP)
10	44-713 Pump, Feed end kiln - water spray

Fee Schedule: 8 (f)

Rating: 12200000 Btu

SIC: 3241

SCC: 99999999

Location/UTM(Km):
469E/3830N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

CalPortland Company
Attn: Catalina Elias

Oro Grande, CA 92368

By: **COPY**

Eldon Heaston
Air Pollution Control Officer

Capacity	Equipment Description
0	Total rating EQ HP + MMBTUH = 2.0 + 120 = 122

CONDITIONS:

1. This equipment must not be operated unless it is vented to operating air pollution control equipment covered by all 7 valid District permits C000178, C000180, C000185 (44-405), C000186 (44-407), C000187 (44-403), C000189, and C000191.
2. The o/o shall have a continuing program of maintenance/inspections in accord with manufacturer's recommendations and specifications which ensures compliance with District Rules.
3. The o/o shall maintain a log of all inspections, repairs and maintenance on this equipment and submit it to the District upon request. The log shall be kept for a minimum period of 2 years.
4. RCC shall operate and maintain as certified a Continuous Emission Monitoring System (CEMS) capable of providing continuous readings for, NO_x, SO_x and CO.
5. Kiln #7 may use Tire Derived Fuel (TDF) as a supplemental fuel when coal, petroleum coke and/or natural gas is fired. The TDF may be either whole or chipped tires or a combination of both. The feed rate of TDF being utilized shall not exceed 40% of the total Btu content being fed into the kiln for any single hourly average or 38% on any 24 hour average basis.
6. Riverside Cement Company (o/o) may utilize TDF only if all other applicable regulatory permits associated with storage and handling of TDF are obtained.
7. Compliance tests shall be performed in accordance with the District Compliance Test Procedural Manual. The test report shall be submitted to the District within 45 days following completion of testing and within 12 months of the first introduction of TDF. The following tests are required:
 - A. Within 12 months after TDF is first utilized, compliance testing shall be performed for PM and PM₁₀.
 - B. Annual CEMS Relative Accuracy Test Audit (RATA) data will be used to satisfy annual compliance tests for gaseous pollutants including No_x, SO₂ and CO.
 - C. Within 12 months after TDF is first utilized, 2588 tests shall be performed using TDF.
 - D. Additional testing may be required at the discretion of the District.
8. The following are the acceptability testing requirements for CEMS, CERMS and COMS:
 - A. For SO₂ and NO_x CEMS - Performance Specification 2 of 40 CFR 60 Appendix B.
 - B. For CO CEMS - Performance Specification 4 of 40 CFR 60 Appendix B.
 - C. For CERMS (stack gas flow rate) - Performance Specification 6 of 40 CFR 60 Appendix B.
9. The District requires an approved quality assurance program for CEMS. This program shall be in accordance with 40 CFR 60 Appendix F and shall include CERMS.
10. The o/o shall submit a written report of excess emissions to the District Compliance supervisor for every calendar quarter. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter.
11. Daily logs shall be maintained for the operation of kiln #7 which includes but is not limited to the following:
 - A. Hours of operation/day
 - B. Dates of major repairs and/or replacements
 - C. Type of fuel being used and the BTU/h of each
 - D. Mass of tires burned
 - E. Dates of inspections, routine repairs and maintenance.

12. The daily emissions of each operating day for this kiln system shall be recorded and/or calculated in a manner approved by the District. The data shall be submitted to the District within 30 days of the end of each calendar quarter. The daily emissions of the following pollutants CO, Nox, and SO₂ shall be monitored using a Continuous Emissions Monitoring System (CEMS). The stack gas flow rate shall be monitored using a Continuous Emission Rate Monitoring System (CERMS), or other District approved method.

13. The o/o shall submit to the District an emissions demonstration report each quarter. This report shall include emission data while the facility is operating without TDF and with TDF.