



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

B000179

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. 6 (160) consisting of:

#### EQUIPMENT

Capacity	Equipment Description
5	44-411 Belt conveyor kiln 6 feed
20	44-426 Elevator No. 6 to kiln 6
50	44-449 No. 1 air compressor, water spray
10	44-463 2 kiln shell fans, 5 hp each
150	44-496 No. 6 kiln drive, 120 MMBTUH
15	44-506 Kiln 6 cooler
5	44-509 Drag chain conveyor, cooler
125	44-512 Cooler fan No. 6 - 2 each, 100 and 25 hp
25	44-514 Clinker breaker
250	44-566 CM66 coal mill
2	44-576 Belt feeder, coal mill
4.5	44-606,616 Rotary valves 6 and 16 - 1.5 and 3 hp
4	44-626,636 Rotary valves 26 and 36 - 2 hp each
0.5	Rotary dribble valves, 2 @ 0.25 hp each
40.5	44-661-667 7 screw conveyors - 7.5, 5, 5, 5, 7.5, 3, 7.5 hp
90	44-701,703 Blowers - 40 and 50 hp

Fee Schedule: 8 (f)

Rating: 122000000 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**

**Brad Poiriez**

Air Pollution Control Officer

Capacity	Equipment Description
5	44-708 Blower, air cowl
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 valid District permits C000178 (44-402), C000180 (44-406), C000189 (44-404), and C000191 (44-408).

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.RCC shall operate and maintain as certified a Continuous Emission Monitoring System (CEMS) capable of providing continuous readings for, NOx, SO2, and CO.

4.Kiln No. 6 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.

5.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 Nox, 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.

6.The following are the acceptability testing requirements for CEMS, CERMS and COMS:

- A. For SO2 and NOx 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.

7.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.

8.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.

9.The owner/operator (o/o) shall maintain a current, on-site operational log for kiln No. 6, and shall provide this log to District, State or Federal personnel upon request. The log shall include 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; and,
- E. Dates of inspections, routine repairs and maintenance.

10.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.

11.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.