



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

### PERMIT TO OPERATE

C007411

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

**EXPIRES LAST DAY OF: MAY 2025**

#### **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:**

BAGHOUSE 331BF101 consisting of: a pulse jet baghouse with polyester felt bags whose total filter area is a minimum of 125,400 square feet, equipped with a 3000 hp fan generating 627,000 cfm of flow at 307 degrees Fahrenheit (for a maximum air to cloth ratio of 5.0:1). This unit serves the kiln exhaust (B007435) and the raw mill (B007439).

#### **CONDITIONS:**

1. This equipment must be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants. Unless otherwise noted, this equipment must also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 204]

2. This baghouse shall operate, including during startup and shutdown of the kiln, concurrently with the kiln (431KL100, B007435), four cyclones (B007440), and/or the raw grinding system (321RP101, B007439). [District Rules 204, 1303(A); 40 CFR 63.1346(g)]

3. When the kiln is not in operation and the raw mill is in operation (321RP101, B007439), this baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than ten percent opacity. [District Rules 401, 403; 40 CFR 63.1345]

4. When the kiln is in operation, this baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500623

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

twenty percent opacity.  
[District Rule 401]

5. This baghouse shall discharge no more than 32.25 pounds per hour of PM10 at a maximum concentration of 0.006 grains/dscf at the operating conditions given in the above description (BACT). Compliance with this condition shall be demonstrated through an initial source test and operation in accordance with the conditions specified herein.  
[District Rules 404; 405; 1303]

6. The o/o shall conduct a minimum program of inspection and maintenance on this equipment, following the operations and maintenance plan requirements pursuant to 40 CFR 63 Subpart LLL. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:  
(a) Weekly reading of baghouse pressure drop, date and value;  
(b) When the raw mill is operational and the kiln is off, daily baghouse stack observation date and result (using USEPA Method 22 (10-minute test), and USEPA Method 9 (30 minutes of observation) if visible emissions are detected);  
(c) Annual bag and bag suspension system inspection date and results;  
(d) Date of bag replacements; and,  
(e) Date and nature of any system repairs.  
[District Rules 401, 1203(D)(1)(d)(ii), 1303(A); 40 CFR 63.1347, 1350(f)(2)/(3),1355(g)]

7. This baghouse shall be operated in compliance with applicable requirements 40 CFR 63 Subpart LLL - National Emission Standard for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry.  
[40 CFR Part 63 Subpart LLL]

8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer).  
[Rule 1303(A)]

9. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.  
[Rule 1303(A)]