



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

C013957

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: MAY 2026

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 1, CEMENT STORAGE DOME consisting of: a TBD model pulse jet baghouse with polyester bags whose total filter area is a minimum of TBD square feet, equipped with a TBD hp fan generating 35,000 acfm (24,048 dscfm of flow at 200 degrees Fahrenheit) (for a maximum air to cloth ratio of TBD based on actual flow rates). This unit serves the cement storage dome portion of the cement storage dome system (T013687).

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 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 be operated concurrently with the cement storage dome under T013687. [District Rules 204, 1303(A)]
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. 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) Monthly baghouse stack observation date and result (using USEPA Method 22 (10-minute test), and USEPA Method 9 (30 minutes

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500619

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

of observation) if visible emissions are detected). If no visible emissions are observed for six consecutive months the frequency can change to semi-annually. If no emissions are observed semi-annually the frequency can be changed to annually. If any visible emissions are observed frequency reverts to monthly until no visible emissions are observed for six consecutive months;

(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 Rule 1203(D)(1)(d)(ii), 1303(A); 40 CFR 63.1350(f), 1355(g)]

4. 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]

5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than ten percent opacity.

[District Rule 401; 40 CFR 63.1345]

6. This baghouse shall discharge no more than 0.90 lb/hr PM10 at a maximum concentration of 0.003 grains/dscf at the operating conditions given in the above description (BACT).

[District Rule 1303(A), 404, 405]

7. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer).

[District Rule 1303(A)]

8. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[District Rule 1303(A)]

9. The owner/operator shall install, operate, calibrate and maintain a bag leak detection system (BLDS) in accordance with manufacturer's instructions to monitor and ensure baghouse performance.

[District Rule 204]

10. If the owner/operator receives an alarm from the BLDS, the owner/operator shall initiate investigation within one (1) hour of discovery of the alarming incident for possible corrective action and restore baghouse performance.

[District Rule 1303(A), 1203(D)(1)(d)(ii)]

11. When the BLDS performance indicator is operating outside the indicator range, the permittee shall take corrective action to restore operation of the emissions unit and/or its control equipment to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

[District Rule 1203(D)(1)(d)(ii), 1303(A)]

12. The permittee shall conduct monthly QA checks and annual instrument set ups of the fabric filter bag leak detection system consistent with the guidance provided in EPA-454/R-98-015: U.S. EPA Fabric Filter Bag Leak Detection Guidance.

[District Rule 204]

13. The owner/operator shall maintain the following for the BLDS;

(a) Record of each bag leak detection system alarm, including the date and time of the alarm, the amount of time taken for corrective action to be initiated, the cause of the alarm, an explanation of the corrective actions taken, and when the cause of the alarm was corrected.

(b) Indicator range (as developed by condition 6 above).

(c) Inspection and maintenance records.

(d) Record of each QA check and annual instrument set up.

[District Rule 1203(D)(1)(d)(ii), 1303(A)]

14. O/o shall conduct an opacity performance test within 180 days of placing equipment into operation in accordance with US EPA Test Method 9. The duration of the Method 9 performance test must be 3 hours (30 6-minute averages), except that the duration of the Method 9 performance test may be reduced to 1 hour if there are no individual readings greater than 10 percent opacity or there are no more than three readings of 10 percent for the first 1-hour period. For batch processes that are not run for 3-hour periods or longer, compile observations totaling 3 hours when the unit is operating. Written results of the test shall be provided to the District within 30 days of completion of the test.

[40 CFR 63.1349(b)(2); 40 CFR 63.7]

15. The owner/operator shall conduct an initial compliance test, a second compliance test 24 months after the initial compliance test, and repeated every 60 months, thereafter. The initial test must be conducted within 90 days of initial operation of the Cement Storage Dome (T013687) in accordance with CARB Method 5 (front and back half) and EPA Method 201a/202 to demonstrate compliance with the emission limits listed in each permit. The initial source test report must report particulate emissions separately for PM, PM10, and PM2.5. The second compliance test and subsequent tests must be conducted in accordance with CARB Method 5 (front and back half). The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/source test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.

[District Rules 404, 1303]