



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

C007495

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 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 461BF400 consisting of: a pulse jet baghouse with polyester felt bags whose total filter area is a minimum of 10,430 square feet, equipped with a 350 hp fan generating 52,150 acfm of flow at 167 degrees Fahrenheit (for a maximum air to cloth ratio of 5.0:1). This unit serves the coal mill portion of the coal grinding system (B007481).

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]

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 separator 461SF150, screw conveyor 461SC400, and screw conveyor 461SC401, under permit B007481. [District Rule 204; 1303(A)]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500612

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

2.This baghouse shall be operated concurrently with separator 461SF150, screw conveyor 461SC400, and screw conveyor 461SC401, under permit B007481.

[District Rule 204; 1303(A)]

3.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) A site-specific opacity monitoring plan;
- (b) Weekly reading of baghouse pressure drop, date and value;
- (c) Monthly baghouse stack observation date and result (using USEPA Method 22 (10-minute test), and USEPA Method 9 (30 minutes of observations) 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;
- (d) Annual bag and bag suspension system inspection date and results;
- (e) Date of bag replacements; and,
- (f) Date and nature of any system repairs.

[District Rule 1203(D)(1)(d)(ii); 1303(A); 40 CFR Part 63.1347, 1350(f), 1350(p), 1355(g)]

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- (d) Annual bag and bag suspension system inspection date and results;
- (e) Date of bag replacements; and,
- (f) Date and nature of any system repairs.

[District Rule 1203(D)(1)(d)(ii); 1303(A); 40 CFR Part 63.1347, 1350(f), 1350(p), 1355(g)]

4.This baghouse shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart Y - Standards of Performance for Coal Preparation Plants and 40 CFR 63 Subpart LLL - National Emission Standard for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry.

[40 CFR part 60 Subpart Y; 40 CFR Part 63 Subpart LLL]

4.This baghouse shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart Y - Standards of Performance for Coal Preparation Plants and 40 CFR 63 Subpart LLL - National Emission Standard for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry.

[40 CFR part 60 Subpart Y; 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.

[40 CFR 60.254(a), 63.1345]

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[40 CFR 60.254(a), 63.1345]

6.This baghouse shall discharge, in conjunction with the kiln exhaust stack (permit B007435), no more than 0.07 pounds PM, filterable per ton clinker.

[40 CFR 63.1343(b)(2)]

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[40 CFR 63.1343(b)(2)]

7.Simultaneous with the kiln performance testing (permit B007435), the owner/operator shall conduct annual filterable PM performance tests using EPA Method 5 or 5I. The combined PM emission rate from the kiln (permit B007435) and inline coal mill will be used to compare against the PM, filterable emission limit.

[40 CFR 63.1349(b)(1)(viii)]

7.Simultaneous with the kiln performance testing (permit B007435), the owner/operator shall conduct annual filterable PM performance tests using EPA Method 5 or 5I. The combined PM emission rate from the kiln (permit B007435) and inline coal mill will be used to compare against the PM, filterable emission limit.

[40 CFR 63.1349(b)(1)(viii)]

8.The owner/operator must notify the District according to the following schedule:

(a) Notify MDAQMD of a performance test at least 60 days before the test is scheduled to begin.

(b) Provide MDAQMD with a test plan prior to performance testing.

(c) Submit test report to MDAQMD within 45 days after source test date.

[40 CFR 63.1353(b), 1354(b)]

8.The owner/operator must notify the District according to the following schedule:

(a) Notify MDAQMD of a performance test at least 60 days before the test is scheduled to begin.

(b) Provide MDAQMD with a test plan prior to performance testing.

(c) Submit test report to MDAQMD within 45 days after source test date.

[40 CFR 63.1353(b), 1354(b)]

9.This baghouse shall discharge no more than 4.47 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rules 404; 1303(A)]

9.This baghouse shall discharge no more than 4.47 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rules 404; 1303(A)]

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

[District Rule 1303(A)]

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[District Rule 1303(A)]

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

[District Rule 1303(A)]

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[District Rule 1303(A)]

12.A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

