



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

B014691

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: FEBRUARY 2026

OWNER OF OPERATOR (Co.#2271)

CalPortland Co. - Materials Division
P.O. Box 146
Oro Grande, CA 92368

EQUIPMENT LOCATION (Fac.#3618)

CalPortland Co. - Baxter Iron Mine
Basin Road, 4 miles east of I-15
Baker, CA 92309

Description:

CRUSHING PLANT, PORTABLE consisting of: A mobile 600 ton per hour crushing plant, consisting of: One (1) vibrating grizzly pan feeder (w/integral hopper), one (1) primary crusher, one (1) vibrating grizzly under conveyor, one (1) primary crusher under conveyor, and four (4) belt conveyors. Powered by one (1) DOORS registered, 174-751 hp, Tier 4 Final engine.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rules 1302(C)(2)(a)]

2. Annual (rolling 12 month sum) throughput must not exceed 435,000 tons in any consecutive 12 month period. This limitation is specific to the material processed by the equipment permitted under this permit (MDAQMD Permit no. B014691). Prior to exceeding this throughput limitation, the owner/operator must submit an application to modify this permit to evaluate emissions offsets as required by District Rule 1303(B). The current throughput limitation may not be exceeded without a District-approved modified permit.
[District Rules 1303 and 1320]

3. This facility must not emit more than 14.9 tons of PM10 in any consecutive twelve month period to remain below the offset threshold. This limitation applies to the entire CalPortland - Baxter Iron Mine facility. Prior to exceeding this emission limitation, the owner/operator must submit an application to modify all permitted equipment located at this facility to evaluate emissions offsets as required by District Rule 1303(B). The current emission limitation may not be exceeded without District-approved modified permits.

Fee Schedule: 1 (c) Rating: 440bhp SIC: 1011 SCC: 30504034 Location/UTM(Km): 583E/3905N

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 Co. - Materials Division
Attn: Environmental

Oro Grande, CA 92368

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

[District Rules 1302 and 1303]

4.This equipment must be powered by either line power or by a District-permitted generator. PERP registered engines cannot be used to power this equipment.

[District Rules 1302 and 1320]

5.The specifications submitted with the application for this permit reflect the following:

- o One (1) vibrating grizzly under conveyor;
- o One (1) primary crusher under conveyor; and,
- o Four (4) belt conveyors.

The throughput limitations specific to this equipment reflect the above configuration, and as such, the owner/operator is prohibited from operating this equipment with more than the above listed quantities of the conveyors. There are no prohibitions on using less than the quantities listed above.

[District Rule 1302]

6.Roadways, work areas, stockpiles, and materials being processed shall be kept wetted and/or have sufficient naturally occurring moisture to control fugitive dust. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance.

[District Rules 401, 403 and 1303]

7.A facility log must be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, as a minimum:

(a) Monthly and rolling 12 month summations of total product processed for the equipment permitted under MDAQMD permit no. B014691;

(b) Monthly and rolling 12 month summations of total facility-wide PM10 emissions;

(c) Maintenance, malfunction, and repair records;

(d) Records of 40 CFR 60, Subpart LL initial compliance testing required by condition 8; and,

(e) Dates and locations, in decimal degrees of latitude and longitude with a minimum of 4 decimal places accuracy, of equipment operation within the District.

[District Rules 204, 1302 and 1303]

8.The owner/operator shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is greater than 20 percent opacity (Ringelmann 1).

[District Rule 401]

9.Visible emissions shall not exceed 10% opacity during any one hour (ten 6-minute averages) from each crusher, screen, conveyor belt, transfer point, and storage bin, as defined in 40 CFR Part 60, Subpart LL. The opacity standards shall apply at all times except during periods of startup, shutdown, and malfunction.

[40 CFR Part 60, Subpart LL]

10.The owner/operator shall conduct an initial performance test using USEPA Method 9 for each fugitive emission point identified in condition #7 above. This test shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated but no later than 180 days after initial startup of the facility.

The owner/operator must provide a written performance test plan or protocol at least thirty (30) days prior to the test date. The owner/operator must conduct all required compliance/performance 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/performance test date so that an observer may be present. The final compliance/performance test results must be submitted to the District not later than thirty (30) days after the source test date. All compliance/performance test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.

[40 CFR Part 60 Subpart LL and District Rule 1303]

11. Equipment breakdowns, as defined within District Rule 430, shall be reported in accordance with District Rule 430.
[District Rule 430]

12. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart LL Standards of Performance for Metallic Mineral Processing Plants and Subpart A-General Provisions. In the event of conflict between Permit conditions and the requirements of 40 CFR Part 60, Subpart LL and Subpart A, the more stringent requirements shall govern.
[40 CFR Part 60, Subpart LL]

13. This equipment shall not be operated closer than:
(a) 1000 feet (304 meters) from any Critical Receptor, defined as a School K-12 or Health Care Facility. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met, and;
(b) 6561 feet (2000 meters) from any residence.
[District Rule 1320, CH&SC 42301.6 Permit Approval: Powers & Duties of APCO]

14. 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.
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]