



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

B012473

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: 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:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: USEPA Tier 3 (or higher). This unit is a rental unit and may be substituted with other like rental units as long as they meet at a minimum USEPA Tier 3 emission standards.

One John Deere (or equivalent), Diesel fired internal combustion engine Model No. Rental and Serial No. Rental, After Cooled, Turbo Charged, producing 286 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 14.8 gal/hr. This equipment powers a John Deere (or equivalent) Generator Model No. Rental and Serial No. Rental, rated at 215 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.45	gm/bhp-hr
NOx	2.42	gm/bhp-hr
NOx+NMHC	2.55	gm/bhp-hr
PM10	.08	gm/bhp-hr
SOx	.005	gm/bhp-hr
VOC	0.13	gm/bhp-hr

CONDITIONS:

1. This portable diesel engine, shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier and in a manner consistent with safety and good air pollution control practices for minimizing emissions. Unless

Fee Schedule: 1 (c) Rating: 286 bhp SIC: 1011 SCC: 20100102 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

otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[Derived from 40 CFR 63.6605(a) and 40 CFR 63.6605(b) and District Rule 1302(C)(2)(a)]

2.This portable diesel IC engine shall be a USEPA Tier 3 (or higher) as evidenced by manufacturer nameplate data.

[17 CCR 93116; District Rule 1303]

3.This engine shall not operate for more than 3,640 hours in any consecutive 12 month period. Additionally, this unit shall not operate more than 13.5 hours per day (midnight to midnight). Before these limitations can be increased, the facility is required to submit to the District an application to modify the permit, which may trigger BACT review and may necessitate a Health Risk Assessment (HRA). In addition, public notice and/or a commenting period may be required.

[District Rules 1302, 1303, and 1320]

4.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.

[District Rules 1302 and 1303]

5.This engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days, excluding time spent at a designated storage site. This equipment must be moved within this facility or moved to another facility for a valid business purpose annually.

[District Rules 1302, 1303, and 1320 and Title 17 CCR 93116.2(a)(29)]

6.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

[17 CCR 93116.4(b)(2)(A)]

7.This unit shall only be fired on ultra-low sulfur diesel fuel whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements; or alternative diesel fuel, or CARB diesel fuel utilizing fuel additives, that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.

[Title 17 CCR 93116.3(a)]

8.The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of two (2) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:

- a. Date, location (lat/long or UTM), and duration of each use (in hours);
- b. Monthly and rolling 12 month summation of operation in terms of fuel consumption (in gallons) and/or total hours;
- c. Monthly and rolling 12 month summations of total facility-wide PM10 emissions;
- d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
- e. Summary that identifies each portable engine in the owner's fleet and the associated emission rate (g/bhp-hr).

[District Regulation XIII - NSR]

9.The owner/operator has elected to and shall comply with the Tier Phase Out option for Large Fleet provision of the Portable Diesel ATCM (17 CCR 93116). The owner/operator shall comply with this provision by ensuring that each applicable engine under the owner/operators common ownership or control is removed from service in accordance with schedule provided in 17 CCR 93116.3(c)(1)(A).

10.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.

[District Rule 1302 and Title 17 CCR 93116]

11.These engines shall not be used within 1,000 feet (304.8 meters) of any K-12 school, residence, hospital, or other sensitive receptor location. Sensitive receptor locations include, but are not limited to, hospitals, schools, and day care centers, and such other locations

as the District board or California Air Resources Board may determine.
[District Rule 204 and H&S Code 42705.5(a)(5)]

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