



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B014126

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2021

OWNER OF OPERATOR (Co.#2615)

TBC - The Boring Company
15709 Impact Way Bldg 2 Ste 200
Plugerville, TX 78660

EQUIPMENT LOCATION (Fac.#4039)

TBC - The Boring Company
16249 Adelanto Road
Adelanto, CA 92301

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: A certified Tier I diesel engine, EPA Family 5CPXL78.1ERK, manufactured in 2006.

One Caterpillar, Diesel fired internal combustion engine Model No. 3516 and Serial No. ZAP00467, Turbo Charged, producing 2934 bhp with 16 cylinders at 1800 rpm while consuming a maximum of 143 gal/hr. This equipment powers a Caterpillar Generator Model No. XQ2000 and Serial No. , rated at 1825 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.89	gm/bhp-hr
NOx	6.19	gm/bhp-hr
PM10	0.10	gm/bhp-hr
PM2.5	0.10	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	0.30	gm/bhp-hr

CONDITIONS:

1. This certified portable diesel internal combustion engine shall 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 shall also be operated in accordance with all data and specifications submitted

Fee Schedule: 1 (d)

Rating: 2934 bhp

SIC: 1622

SCC: 20100102

Location/UTM(Km):
463E/3822N

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.

TBC - The Boring Company
130 Walker-Watson Road
Bastrop, TX 78602

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

with the application for this permit.
[District Rule 1302]

2. Operation of this equipment shall not exceed 1176 hours/year.
[District Rule 1303 - Offsets]

3. This diesel ICE 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 generator must be moved to another facility annually for a valid operational reason.
[Title 17 CCR 93116.2(a)(29)]

4. 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)]

5. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93116.4(b)(2)(A)]

6. This engine may not operate in California on or after 12/31/23.
[Title 17 CCR 93116.3(c)]

7. The owner/operator shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of three (3) 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 of each use;
- b. Location of each use;
- c. Duration of each use (in hours as indicated by the hour timer);
- d. Reason for each use (testing & maintenance, emergency, required emission testing);
- e. Calendar year operation in terms of fuel consumption (in gallons) or total hours; and,
- f. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116]

8. This USEPA Tier I certified flex engine may not be sold, or offered for sale, to an end user in California on or after 12/31/23. The sale of engines for resale outside of California is not prohibited.
[Title 17 CCR 93116.3(e)]

9. The owner/operator of portable, diesel-fired engines that are exempted from the requirements of section 93116.3(c)(1) and 93116.3(c)(2) pursuant to section 93116.3(c)(3)(C) of Title 17 CCR 93116, must keep and maintain records pursuant to condition 7. The Responsible Official (owner/operator) must provide the following compliance report to the District and CARB by March 1 of each calendar year indicating the following:

- a. The permit number of each low-use engine; and
- b. The hour meter readings take at the beginning and end of the previous calendar year for each low-use engine.

Compliance Reports should be sent to the District via mail or electronically to reporting@mdaqmd.ca.gov
Compliance Reports should be mailed to CARB at:
ARB/PERP
P.O. Box 2038
Sacramento, CA 95812
[Title 17 CCR 93116.4(b)and(d)]

10. This engine is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.

[Title 17 CCR 93116]

11. 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]