



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013404

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2022

OWNER OF OPERATOR (Co.#2073)

Cutting Edge Agregates, Inc.
18020 National Trails Highway
Oro Grande, CA 92307

EQUIPMENT LOCATION (Fac.#3911)

Cutting Edge DBA Owl Rock Products - Oro Grande
19409 National Trails Highway
Oro Grande, CA 92368

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: A certified Tier 4i diesel engine, EPA Family CCPXL27.0HYA, manufactured in 2012 and equipped with factory-installed emission controls. Exhaust flow is approximately 4345 ACFM at 888 degrees Fahrenheit through a 10.5 foot tall by 6 inch diameter stack:

One Caterpillar, Diesel fired internal combustion engine Model No. C27 and Serial No. ZRS00299, Turbo Charged, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Electronic Control Module, Compression-Ignited, Charge Air Cooler, producing 1207 bhp with 12 cylinders at 1800 rpm while consuming a maximum of 58.2 gal/hr. This equipment powers a Caterpillar Generator Model No. E800/C27 and Serial No. CAT00C27CT4Z00238, rated at 800 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.45	gm/bhp-hr
NOx	2.24	gm/bhp-hr
PM10	0.037	gm/bhp-hr
PM2.5	0.037	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.10	gm/bhp-hr

CONDITIONS:

1. This equipment 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 with the application for this permit.

Fee Schedule: 1 (d)

Rating: 1207 bhp

SIC: 1499

SCC: 20100102

Location/UTM(Km):
470E/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.

Cutting Edge Agregates, Inc.
PO Box 398
Oro Grande, CA 92368

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

[District Rule 1302]

2. This diesel IC Engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. (This system must be moved for a valid business purpose at least once each year).

[Title 17 CCR 93116.2(bb)]

3. 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) 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.

Note: Use of CARB certified ULSD satisfies this requirement.

[Title 17 CCR 93116.3(a)]

4. 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(c)(2)(A)]

5. This engine shall not operate within 1900 meters of any offsite receptor without prior written authorization of the District.

[District Rule 1320]

6. The owner/operator must maintain an 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 and location (in xx.xxxx degrees Latitude and -yyy.yyyy degrees Longitude format) each time the unit is moved;
- b. Hour meter readings totaled on a monthly basis and for each consecutive twelve month period; and,
- c. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)]

7. 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]

8. 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]