



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013766

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2021

OWNER OF OPERATOR (Co.#2073)

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

EQUIPMENT LOCATION (Fac.#3871)

Cutting Edge Agregates DBA Owl Rock Products
24724 Quarry Road
Apple Valley, CA 92307

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR (SEPARATION PLANT) consisting of: A certified Tier 3 diesel engine, EPA Family 7SZXL05.2IXB, manufactured in 2007 and equipped with factory-installed emission controls. Exhaust flow is approximately 623 ACFM at 888 degrees Fahrenheit through an 7.6 foot tall by 3 inch diameter stack. This generator provides power to the separation plant described in District Permit B011651:

Onelsuzu, Diesel fired internal combustion engine Model No. 4HK1X and Serial No. 425513, Charge Air Cooler, Compression-Ignited, Direct Injected, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Turbo Charged, producing 173 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 8.8 gal/hr. This equipment powers a MQ Power Generator Model No. Whisperwatt DCA125USI and Serial No. 8510009, rated at 125 kVA / 100 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.82	gm/bhp-hr
NOx+NMHC	1.94	gm/bhp-hr
PM10	0.127	gm/bhp-hr
PM2.5	0.127	gm/bhp-hr
SOx	0.0049	gm/bhp-hr
VOC	0.097	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

Fee Schedule: 1 (b) Rating: 173 bhp SIC: 1499 SCC: 20100102 Location/UTM(Km): 488E/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

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 1302]

2.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.
[Title 17 CCR 93116.3(a)]

3.This 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 annually.)
[Title 17 CCR 93116.2(bb); District Rules 1302, 1303, and 1320]

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 the state of California on or after January 1, 2025.
[17 CCR 93116]

6.This engine shall not operate for more than 2080 hours in any consecutive 12 month period, nor shall it operate closer than 250 meters from the nearest residential receptor.
[District Rules 1302, 1320, and 1520]

7.The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of five (5) 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, and duration (in hours) of each use;
b. Monthly and rolling consecutive 12 month period usage in terms of hours;
c. Calendar year operation in terms of fuel consumption (in gallons) or total hours; and,
d. 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)]

8.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.
[Title 17 CCR 93116, District Rule 1302]

9.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]