



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013561

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: OCTOBER 2020

OWNER OF OPERATOR (Co.#1719)

Cutting Edge Aggregates, Inc.
P.O. Box 398
Oro Grande, CA 92368

EQUIPMENT LOCATION (Fac.#3402)

Cutting Edge dba Owl Rock Products - MDAQMD
Various Locations
MDAQMD, CA 92392

Description:

DIESEL IC ENGINE, GENERATOR consisting of: Date of Manufacture 2006, Certified Tier II, USEPA Engine Family 6CPXL32.0ESK, CARB EO U-R-001-0293. Exhaust Stack is tbd inches in diameter, and TBD feet high. Exhaust flow rate is tbd cubic feet/min at tbd degrees F. This engine is also registered in the CA PERP under registration number 183986. Facility Elevation is 3705 feet above sea level.

One CATERPILLAR, Diesel fired internal combustion engine Model No. C32 and Serial No. SYC00901, Direct Injected, Turbo Charged, Electronic Control Module, Charge Air Cooler, producing 1372 bhp with 12 cylinders at 1800 rpm while consuming a maximum of 55 gal/hr. This equipment powers a TBD Generator Model No. TBD and Serial No. TBD, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.193	gm/bhp-hr
NOx	4.027	gm/bhp-hr
PM10	0.097	gm/bhp-hr
PM2.5	0.097	gm/bhp-hr
SOx	0.00368	gm/bhp-hr
VOC	4.027	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: 1372 bhp

SIC: 1442

SCC: 20100102

Location/UTM(Km):
469E/3828N

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.

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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 within this facility or moved to another facility at least once every twelve (12) months, for a valid business reason.

[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; not to exceed 4000 hrs in any single calendar year.

[Title 17 CCR 93116.4(c)(2)(A)]

5. A dedicated, calibrated, and non-resettable fuel meter shall be installed and maintained on this unit to precisely indicate cumulative fuel usage.

[District Rules 204 and 1303]

6. This engine shall not consume more than 220,000 gallons of ULSD in any consecutive 12 month period when operated independently.

This engine and the engine described in District Permit B013262 shall not consume more than 161,500 gallons of ULSD in any consecutive 12 month period while collocated at the same facility.

[District Regulation XII, District Rules 1303 and 1320]

7. In order to preclude triggering Major Source and emission offsets thresholds, this engine shall not operate more than 4000 hours in any single calendar year.

[District Rule 1320]

8. This engine shall not operate within 1000 meters of any offsite receptor without prior written authorization of the District.

[District Rule 1320]

9. The owner/operator may not designate this engine to be low-use or emergency after July 1, 2024.

[Title 17 CCR 93116.3(b)(3)]

In order to designate this engine as low-use or emergency, the owner/operator must submit an application to the District to modify this permit.

10. Since this engine is rated at >750 bhp, and is a Tier 2 Engines built prior to 1/1/2009, this engine may not be sold, or offered for sale, to an end user in California on or after January 1, 2025. The sale of engines for resale outside of California is not prohibited.

[Title 17 CCR 93116.3(e)]

11. 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 twelve month period;

c. Fuel meter readings totaled on a monthly basis and for each twelve month period; and,

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).

[Title 17 CCR 93116.4(c)]

12. 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. For full ATCM Text see: https://www2.arb.ca.gov/sites/default/files/2018-12/PERP_ATCM_12.5.18.pdf.
[District Rule 1302]

13. The owner/operator has elected, either directly or by default, to use the "Tier Drop" option as allowed by the Portable ATCM, Title 17 CCR 93116(c)(1)(A). Fleets complying with option above must include all portable diesel-fueled engines operated in California, including engines registered with the Statewide Portable Equipment Registration Program or permitted by or registered with a district.
[Title 17 CCR 93116.4(c)(1)(B)]

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]