MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B013689

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2022

OWNER OF OPERATOR (Co.#84)

NTC - Public Works
Bldg 602, 5th Street
Fort Irwin, CA 92310

EQUIPMENT LOCATION (Fac.#589)

NTC Training Mission
Bldg. 602, 5th street
Fort Irwin, CA 923105085

Description:
DIESEL IC ENGINE, PORTABLE GENERATOR (ATMP - Onan 2) consisting of: A certified Tier 3 diesel engine, EPA Family 8CEXL0275AAG, manufactured in 2008, equipped with factory installed emission control devices. Exhaust flow is approximately 665 ACFM at 778 degrees Fahrenheit through a 13 foot high by 4 inch diameter stack:

One Cummins, Diesel fired internal combustion engine Model No. QSB5-G3 NR3 and Serial No. 21838736, Charge Air Cooler, Compression-Ignited, Direct Injected, Electronic Control Module, Turbo Charged, producing 145 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 7.6 gal/hr. This equipment powers a Cummins Power Generation Generator Model No. DSFAD-7075444 and Serial No. C080168824, rated at 60 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.67	gm/bhp-hr
NOx	2.69	gm/bhp-hr
PM10	0.097	gm/bhp-hr
PM2.5	0.097	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.14	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (b) | Rating: 145 bhp | SIC: 9711 | SCC: 20100102 | Location/UTM(Km): 529E/3902N

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.

NTC - Public Works
Attn: Air Resources Manager

Fort Irwin, CA 92310

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

1. This certified compression-ignited internal combustion engine and its associated emission control systems 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 air contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[17 CCR 93116, District Rule 1302]

2. This engine shall not be operated unless all of the following emission control systems are properly functioning:
a. Electronic Control Module;
b. Turbocharger; and
c. Charge Air Cooler

Furthermore, no changes shall be made to any of the above systems unless done so by a factory certified technician.
[District Rule 1302]

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.
[Title 17 CCR 93116.3(a)]

4. This engine shall not be operated for more than 2,000 hours in any consecutive twelve month period. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[District Rules 1302 and 1320]

5. The owner/operator shall maintain an operations log for this engine current and on-site (or at a central location) for a minimum of three (3) years and shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the following information:
a. Date, location, and duration of each use;
b. Monthly and consecutive 12 month period hour meter readings, including the dates of all monthly readings;
c. Date and description of each maintenance action or repair on any equipment noted in Condition #2;
d. Fuel sulfur concentration as required by condition #3 (you may use the supplier's certification of sulfur content if it is maintained as part of this log);
e. Calendar year operating hours as determined by the installed hour meter (to assist in CEI calculations); and
f. Results of any source testing conducted on the engine.
[17 CCR 93116; District Rule 1302]

6. This engine is subject to the requirements of Title 17 CCR 93116, the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines. In the event of a conflict between these conditions and the ATCM, the more stringent requirements shall govern.
[District Rule 1302]

7. This engine shall not be operated within the State of California on or after 01/01/2025.
[17 CCR 93116.3(c)(1)(A)]

8. This engine may be relocated throughout the NTC in support of operations without prior notification being sent to the District, but shall not be used within 500 meters of any K-12 school, residence, hospital, or other sensitive receptor.
[District Rule 204]

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]