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

INACTIVE

E011444

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2021

OWNER OF OPERATOR (Co.#84)

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

EQUIPMENT LOCATION (Fac.#3280)

NTC Public Works and Building Maintenance
AFZJ-PW-EV, Bldg 602
Fort Irwin, CA 92310

Description:
DIESEL IC ENGINE, PORTABLE EMERGENCY GENERATOR consisting of: Certified Tier 1 Diesel engine manufactured in 1998. USEPA Engine Family WCPXL14.6MRJ, CARB E.O. U-R-1-64. Exhuast gas flow rate is 2691 cfm at 1025 Degrees Fahrenheit

One Caterpillar, Diesel fired internal combustion engine Model No. 3506C and Serial No. 1LS00672, After Cooled, Smoke Puff Limiter, Turbo Charged, producing 515 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 25.0 gal/hr. This equipment powers a Caterpillar Generator Model No. SR4B and Serial No. 02248, rated at 400 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.7	gm/bhp-hr
NOx	6.6	gm/bhp-hr
PM10	0.3	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.1	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: 7 (g) | Rating: 1 device | SIC: 7349 | SCC: 20100102 | Location/UTM(Km): 511E/3861N

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

with the application for this permit.
[Title 17 CCR 93116; District Rule 1302]

2. This diesel ICE 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 annually.)
[Title 17 CCR 93116]

3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% or 15 ppm on a weight per weight basis per CARB Diesel or equivalent requirements.
[Title 17 CCR 93116]

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]

5. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 30 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 30 hour per year limit.
[Title 17 CCR 93116; District Rule 1320]

6. The o/o shall 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 of each use and duration of each use (in hours per hour meter);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons) or total hours; 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; District Rule 1110.2]

7. This engine shall satisfy one of the following requirements by January 1, 2020:
a. The portable diesel-fueled engine is certified to Tier 4 emission standards for newly manufactured nonroad engines; or
b. The portable diesel-fueled engine is equipped with a properly functioning level-3 verified technology; or
c. The portable diesel-fueled engine is equipped with a combination of verified emission control strategies that have been verified together to achieve at least 85 percent reduction in diesel PM emissions.
[Title 17 CCR 93116]

8. The o/o of a fleet must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and shall include a summary that identifies each portable engine in the fleet, its associated emission rate (expressed in g/bhp-hr), and all other information required by Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7). These Statements of Compliance shall be submitted by the following dates:

// Fleet DPM Emission Average Date // Date Report is Due
January 1, 2017 // March 1, 2017
January 1, 2020 // March 1, 2020
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[17 CCR 93116.4]

9. The o/o shall not operate this emergency standby diesel-fueled CI engine for non-emergency use, including maintenance and testing, if the engine is located on school grounds whenever there is a school-sponsored activity and/or if the engine is located within 500 feet of school grounds between 7:30 a.m. and 3:30 p.m. on days when school is in session.
[Title 17 CCR 93116]

10. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 13 CCR 93116). In the event of conflict between these conditions and the ATCM, the requirements of the ATCM shall govern. [District Rule 204]