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

INACTIVE

B010896

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2017

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 consisting of: A certified Tier 3 Diesel Engine manufactured in 2009 under USEPA Family 9JDXL06.8105 and CARB EO U-R-004-0363, with no aftermarket emission control devices installed. Exhaust flow is approximately 685 acfm at 813 degrees Fahrenheit.

One John Deere, Diesel fired internal combustion engine Model No. 4045HF285H and Serial No. PE4045L095607, After Cooled, Compression-Ignited, Direct Injected, Smoke Puff Limiter, Turbo Charged, producing 133 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 6.5 gal/hr. This equipment powers a Kohler Generator Model No. 80REOZJD and Serial No. 2271897, rated at 80 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.12	gm/bhp-hr
NOx+NMHC	2.54	gm/bhp-hr
PM10	0.19	gm/bhp-hr
SOx	0.005	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: 133 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

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 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 operational purpose within this facility or moved to another facility annually.)
[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.
[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. The o/o 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 of each use and duration of each use (in hours);
b. Reason for use (Regular 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 93116.4(c)]

6. The fleet* under control of this owner/operator is subject to and shall comply with the weighted Diesel Particulate Matter (DPM) emission fleet averages** expressed as grams per brake horsepower-hour (g/bhp-hr) of Title 17 CCR Section 93116.3 by the following dates:

// Compliance Date // Weighted DPM (g/bhp-hr)
January 1, 2013 // 0.30
January 1, 2017 // 0.18
January 1, 2020 // 0.04
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* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

** The method used to calculate the Fleet Average is found in Title 17 CCR 93116.3(d).
[Title 17 CCR 93116.3]

7. The o/o of this unit must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and provides all information required by Title 17 CCR 93116.4. These Statements must be submitted to the State of California, with a copy to the District in accordance with the following schedule: // Weighted DPM Emission Fleet Average Effective Date // Submit Report by
January 1, 2013 // March 1, 2013
January 1, 2017 // March 1, 2017
January 1, 2020 // March 1, 2020
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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.
[District Rule 204]