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

INACTIVE

E009482

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.#2340)

Barstow - Daggett Heliport
39500 National Trails Hwy
Daggett, CA 92327

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR (BARSTOW DAGGETT HELIPORT, #BD-20) consisting of: A certified Tier I diesel engine, EPA Certification # 4DWXL03.38MA, manufactured in 2004 and first installed in 2006. Exhaust flow data could not be found:

One Generac/Daewoo, Diesel fired internal combustion engine Model No. TBD and Serial No. EBM0A900119, Direct Injected, Turbo Charged, producing 63 bhp with 5 cylinders at 1800 rpm while consuming a maximum of 4.0 gal/hr. This equipment powers a Generac Generator Model No. SD040 and Serial No. F050796295, rated at 40 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.51	gm/bhp-hr
NOx	5.99	gm/bhp-hr
PM10	0.26	gm/bhp-hr
SOx	0.006	gm/bhp-hr
VOC	0.19	gm/bhp-hr

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord 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: 7 (g) | Rating: 1 device | SIC: 9711 | SCC: 20100102 | Location/UTM(Km): 519E/3856N

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

2. This unit shall only be fired on diesel fuel whose sulfur concentration is less than or equal to 0.05% on a weight per weight basis, until September 1, 2006 when the sulfur concentration shall be 0.0015% or 15 ppm per CARB Diesel or equivalent requirements.

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

4. 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 50 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 50 hour per year limit.

5. The Diesel Particulate Matter emission rate shall not exceed 0.15 grams per brake horsepower-hour. (17 CCR \S93115(e)(2)(B)3. Â– Table 2)

6. The o/o shall maintain a 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);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons) and 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).

7. This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (13 CCR 93115). In the event of conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.