



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E007949

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2013

OWNER OF OPERATOR (Co.#88)

NAWS
429 E Bowen Road - Stop 4014
China Lake, CA 93555-6108

EQUIPMENT LOCATION (Fac.#567)

NAWCWD Test Stands
429 E Bowen Road - Stop 4014
China Lake, CA 935556108

Description:

DIESEL I.C.E. - EMERGENCY GENERATOR consisting of: Year of Manufacture 1997; Tier tbd; south Range BLDG 70036; 500 gallon external diesel tank.

One Cummins, Diesel fired internal combustion engine Model No. V378F1 and Serial No. 20217121, Direct Injected, producing 111 bhp with 6 cylinders at 2200 rpm while consuming a maximum of 3.0 gal/hr. This equipment powers a Patterson Type M Pump Model No. 2823C and Serial No. 80PT5163-LS, rated at 750 gpm.

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.
2. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis 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 due to low fire water pressure. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance, excluding compliance source testing. Time

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9711

SCC: 20200102

Location/UTM(Km):
450E/3946N

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.

NAWS
Environmental Management Division

China Lake, CA 93555-6108

By: **COPY**
Brad Poiriez
Executive Director

required for source testing will not be counted toward the 20 hour per year limit. The 20 hour limit can be exceeded when the emergency fire pump assembly is driven directly by a stationary diesel fueled CI engine operated per and in accord with the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 1998 edition. This requirement includes usage during emergencies. {Title 17 CCR 93115(c)16}

5. The o/o shall maintain a 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 (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).

6. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.

7. This engine may operate in response to notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.

8. This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.