



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E003686

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: FEBRUARY 2022

OWNER OF OPERATOR (Co.#504)

Adelanto, City of
11600 Air Expressway
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac.#2477)

Adelanto, City of -Turner Rd
14770 Turner Road
Victorville, CA 92394

Description:

DIESEL IC ENGINE, EMERGENCY CENTRIFUGAL FIRE PUMP (BLDG 1200) consisting of: Year of Manufacturer TBD, USEPA Family Name TBD.

One Cummins, Diesel fired internal combustion engine Model No. NH250B and Serial No. 3965061, producing 250 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 8.0 gal/hr. This equipment powers a TBD Pump Model No. TBD and Serial No. TBD, rated at TBD.

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 noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [40 CFR 63.6640(a) and Table 6]

2. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time. [Title 17 CCR 93115.10(d); 40 CFR 63.6625(f)]

3. This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:
 - a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,
 - b. A cetane index or aromatic content, as follows:

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9199

SCC: 20300101

Location/UTM(Km):
466E/3827N

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.

Adelanto, City of
11600 Air Expressway

Adelanto, CA 92301

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

1. A minimum cetane index of 40; or,
2. A maximum aromatic content of 35 volume percent.

[17 CCR 93115.5(a) and 40 CFR 80.510(b)]

Note: Use of CARB certified ULSD fuel satisfies the above requirements.

4. This unit shall be limited to emergency use only, defined as in response to a fire or in response to a drop in fire-main pressure. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance unless NFPA 25 (current edition) authorizes additional time: If the 20 hour limit is exceeded, the owner/operator must have the authorizing section of NFPA 25 available for review at all times. Time required for source testing will not be counted toward the 20 hour per year limit.

[17 CCR 93115.6(b)]

5. The owner/operator 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;
- d. Records of all required maintenance and inspections; and,
- e. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[17 CCR 93115.10(f)]

6. The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6625(h)]

7. The owner/operator shall conduct inspections in accordance with the following schedule. All inspections must occur at least annually regardless of operating hours.

- a. Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil change analysis program to extend oil change frequencies per the requirements in 40 CFR 63.6625(i);
- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The District must be notified within 5 working days of any exceedance of these maintenance intervals, noting the duration, cause, and corrective actions taken.

[40 CFR 63.6630(a), Table 2d, 40 CFR 63.6640(b), and 40 CFR 63.6650(d)]

8. This engine may operate in response to notification of an 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. [17 CCR 93115.6(b)]

9. This engine is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines under Title 17 CCR 93115; and, the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines under Title 40 CFR 63, Subpart ZZZZ (RICE NESHAP).

10. 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]