



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E008975

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: AUGUST 2019

OWNER OF OPERATOR (Co.#866)

Southern California Logistics Airport
18374 Phantom
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#2672)

Victorville - SCLA
13516 Phantom West, Bldg 756
Victorville, CA 92392

Description:

DIESEL IC ENGINE, EMERGENCY FIRE PUMP consisting of:

One Clarke-John Deere, Diesel fired internal combustion engine Model No. JU6H-UF50 and Serial No. PE6068T334348, Turbo Charged, Ignition Retarded, producing 183 bhp with 6 cylinders at 1760 rpm while consuming a maximum of 11.0 gal/hr. This equipment powers a ITT AC Fire Pump Fire Pump Model No. 8100 and Serial No. 04-040246-01-01, rated at 2500 gpm.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.41	gm/bhp-hr
NOx	6.6	gm/bhp-hr
PM10	0.08	gm/bhp-hr
SOx	0.19	gm/bhp-hr
VOC	0.28	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 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; Rule 204]

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9199

SCC: 20200102

Location/UTM(Km):
473E/3820N

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.

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

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:

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 operated no more than 20 hours per year for testing and maintenance, excluding compliance source testing. Time 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 National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 2006 edition or the most current edition approved by the CARB Executive Officer. {Title 17 CCR 93115(c)16

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 listed in condition #8 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. This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115) and NESHAP ZZZ/40 CFR Part 60, Subpart IIII - NSPS for Stationary Compression Ignition ICE. In the event of conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.

8. 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)]

9. 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.
[17 CCR 93115.6(b)]

10. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.
[District Rule 204]