



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E013240

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JULY 2019

OWNER OF OPERATOR (Co.#2222)

Palmdale Energy, LLC
801 2nd Avenue
Seattle, WA 98104

EQUIPMENT LOCATION (Fac.#3582)

Palmdale Energy LLC
950 East Avenue M
Palmdale, CA 93550

Description:

DIESEL IC ENGINE, FIRE PUMP consisting of: Year of Mfg. 2015/2016, USEPA Engine Family TBD Height: 19.5 Ft. Diameter: 0.4167 Ft. Temp: 1023 deg F ACFM: 755

One Clarke or equivalent, Diesel fired internal combustion engine Model No. TBD and Serial No. TBD, producing 140 bhp with cylinders at 1800 rpm while consuming a maximum of 9.2 gal/hr. This equipment powers a Clarke Fire Pump Model No. TBD and Serial No. TBD, rated at .

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.7	gm/bhp-hr
NOx	2.8	gm/bhp-hr
PM10	0.22	gm/bhp-hr
SOx	0.86	gm/hr
VOC	0.20	gm/bhp-hr

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

[Rule 204]?

2. This stationary certified EPA Tier 3 diesel IC engine shall be installed, operated and maintained in accordance with those

Fee Schedule: ED (N/A)

Rating: 1 Engine

SIC: 491

SCC: 20200102

Location/UTM(Km):
425E/3830N

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.

Palmdale Energy, LLC
801 2nd Avenue

Seattle, WA 98104

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants.

[Rule 1303]?

3. This direct-drive fire pump engine shall be limited to use for emergency fire suppression, defined as in 17 CCR 93115. In addition, this unit may be operated as part of a testing program that does not exceed 1 hour in any one day and not more than 50 hours of testing or maintenance per year (rolling 12 month sum). Furthermore, pursuant to District Rule 1110.2, this unit shall be operated less than 200 hours per calendar year. This requirement includes usage during emergencies.

[Rule 1302; 17 CCR 93115; NSPS IIII]

4. This engine shall not be operated for testing purposes during CTG startup/shutdown periods or tested during the same hour as the emergency generator.?

[Rule 1303]

5. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 15 ppm on a weight basis per CARB Diesel or equivalent requirements.

[Rule 404; Rule 431.2; 17 CCR 93115; NSPS IIII]

6. A non-resettable four digit hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.?

[17 CCR 93115; NSPS IIII; Rule 1302]

7. The owner/operator shall maintain a log for this unit, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District personnel on request:

- a. Date and time of each use or test;
- b. Duration of each use or test in hours;
- c. Reason for each use;
- d. Cumulative calendar year use, in hours; and,
- e. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

[17 CCR 93115; NSPS IIII; Rule 1302]

8. This engine shall exhaust through a stack at a minimum height of 19.5 feet.

9. This equipment shall comply with the applicable requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines- Title 17 CCR 93115 and the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines- 40 CFR Part 60 Subpart IIII.