



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B010884

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2019

OWNER OF OPERATOR (Co.#752)

Palo Verde Irrigation District
180 West 14th
Blythe, CA 92225

EQUIPMENT LOCATION (Fac.#1455)

Palo Verde Irrigation Dist. - W 14th Ave
180 W 14th Avenue
Blythe, CA 92225

Description:

DIESEL IC ENGINE, PORTABLE, LOW-USE COMPRESSOR consisting of: Model Year 1987, Tier 0

One John Deere, Diesel fired internal combustion engine Model No. 4239D and Serial No. GD4239D743374, Direct Injected, producing 80 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 6.0 gal/hr. This equipment powers a Ingersoll Compressor Model No. P185WJ and Serial No. , rated at .

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 6.88 | gm/bhp-hr |
| NOx | 10.63 | gm/bhp-hr |
| PM10 | 1.0 | gm/bhp-hr |
| SOx | 0.93 | gm/bhp-hr |
| VOC | 1.12 | 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: 1 (b)

Rating: 80 bhp

SIC: 4971

SCC: 20300101

Location/UTM(Km):
725E/3273N

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. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)
[Title 17 CCR 93116 - ATCM for DPM from Portable Engines]
3. This unit shall only be fired on ultra-low sulfur diesel fuel whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements; or alternative diesel fuel or CARB diesel fuel utilizing fuel additives that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.
[Title 17 CCR 93116 - ATCM for DPM from Portable Engines]
4. A non-resettable four-digit (9,999) hour meter shall be installed and maintained operational on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93116 - ATCM for DPM from Portable Engines]
5. This engine has been designated as "low-use" pursuant to Title 17 CCR 93116. Engine operation shall not exceed 80 hours per year, except for in an emergency event as defined in Title 17 CCR 93116.
[Title 17 CCR 93116 - ATCM for DPM from Portable Engines]
6. This unit shall not be operated for more than 13 hours in any calendar day.
[District Rule 1303 - New Source Review Requirements]
7. The owner/operator 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/or 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 (Regular 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).
[Title 17 CCR 93116 - ATCM for DPM from Portable Engines]
8. This portable, "low-use" engine shall be removed from service or replaced no later than January 1, 2017. The replacement engine shall be certified to the most stringent of either the federal or California emission standards for the appropriate class and category of nonroad engine in effect at the time of replacement.
[Title 17 CCR 93116 - ATCM for DPM from Portable Engines]
9. This equipment is a possible source of hazardous emissions and shall not be operated and/or located within 1,000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 30 consecutive days without completing the notification required by California Health and Safety Code, Section 42301.6.
[California Health and Safety Code, Sections 42301.6 and 42301.9]
10. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter (DPM) from Portable Engines Rated at 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.
11. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.