



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E010544

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2023

OWNER OF OPERATOR (Co.#504)

Adelanto, City of
11600 Air Expressway
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac.#1183)

Adelanto, City of - Air Expressway
11780 Air Expressway
Adelanto, CA 92301

Description:

DIESEL IC ENGINE, PORTABLE, EMERGENCY PUMP consisting of: Year of Manufacturer 2008, Tier 4 Interim, EPA Engine Family 8DZXL05.4087.

One Deutz Engine, Diesel fired internal combustion engine Model No. Mo600TD80-TRLB/08803168 and Serial No. 8803168, Direct Injected, Inter Cooled, Other, Other, producing 69 bhp with 4 cylinders at 2000 rpm while consuming a maximum of 4 gal/hr. This equipment powers a TBD Pump Model No. TBD and Serial No. TBD, rated at 6 inch.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.6	gm/bhp-hr
NOx	3.1	gm/bhp-hr
PM10	0.21	gm/bhp-hr
VOC	0.16	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 in a manner consistent with good air pollution control practice for minimizing emissions. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 1302(C)(2)(a)]

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9199

SCC: 20200102

Location/UTM(Km):
482E/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.

Adelanto, City of
11600 Air Expressway

Adelanto, CA 92301

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

2. This diesel engine 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.
[17 CCR 93116.2(a)(29)]

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.
[17 CCR 93116.3(a)]

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time by January 1, 2012.
[17 CCR 93116.4(c)(2)(A)]

5. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 30 hours per year for testing and maintenance, excluding compliance source testing.
[17 CCR 93116.2(a)(12) and 9.3116.3(c)(4)]

6. 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 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 (emergency use, testing & maintenance, etc);
- c. Calendar year operation in terms of fuel consumption (in gallons) and total hours;
- d. Fuel sulfur concentration (may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
- e. Date and location of each time the engine is moved to verify compliance with condition 2 (17 CCR 93116.2(a)(29)).

[17 CCR 93116.4(c)(2)(C)]

7. This certified, emergency engine shall satisfy one of the following requirements by January 1, 2020:

- a. The portable diesel-fueled engine is certified to Tier 4 emission standards for newly manufactured nonroad engines; or,
- b. The portable diesel-fueled engine is equipped with a properly functioning level-3 verified technology; or,
- c. The portable diesel-fueled engine is equipped with a combination of verified emission control strategies that have been verified together to achieve at least 85% reduction in diesel PM emissions.

[17 CCR 93116.3(b)(3)]

8. The fleet* (engines 175 hp to 750 hp) under control of this owner/operator is subject to and shall comply with the weighted Diesel Particulate Matter (DPM) emission fleet averages** expressed as grams per brake horsepower-hour (g/bhp-hr) of Title 17 CCR Section 93116.3(c) & (d) by the following dates:

// Compliance Date // Weighted DPM (g/bhp-hr)

January 1, 2013 // 0.15

January 1, 2017 // 0.08

January 1, 2020 // 0.02

===

* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

** The method used to calculate the Fleet Average is found in Title 13 CCR 93116.3(d).

9. The owner/operator of this unit must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr) and other required information required by Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7) for the following compliance statement submittal dates:

// Weighted DPM Emission Fleet Average Date // Submit Statement by

January 1, 2013 // March 1, 2013

January 1, 2017 // March 1, 2017

January 1, 2020 // March 1, 2020

===

10. The owner/operator of fleets that are exempted from the requirements of section 93116.4 pursuant to section 93116.4(a), the Responsible Official shall certify that all portable diesel-fueled engines in the fleet satisfy the requirements of section 93116.4(a). See Title 17 CCR 93116.4(f) for details.

11. This unit shall not operate within 1000 feet of the outer boundary of any K-12 school. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met.

[H&S Code 42301.6 and District Rule 1302(C)(2)(a)]

12. This unit is subject to the requirements of Title 17 CCR 93116, the Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater.

[17 CCR 93116]

13. 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]