



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

TERMINATED

B010819

Terminated type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2022

OWNER OF OPERATOR (Co. #1906)

Van Dyke Corporation, The
6797 Adobe Rd
Twentynine Palms, CA 92277

EQUIPMENT LOCATION (Fac. #3170)

Van Dyke Corporation
6797 Adobe Rd
Twentynine Palms, CA 92277

Description:

DIESEL IC ENGINE, PORTABLE TRASH PUMP consisting of: Year of Manufacture is 2004, USEPA certified Tier 2, Engine Family Name 4DZXL06.5042, CARB E.O. U-R-013-0117, PM 0.20 g/bhp-hr

One Duetz, Diesel fired internal combustion engine Model No. 4FL914 and Serial No. 8705828, Direct Injected, Other, Other, producing 71 bhp with 4 cylinders at 2300 rpm while consuming a maximum of 3.0 gal/hr. This equipment powers a Gorman Rupp Pump Model No. T6A605-F4L and Serial No. 1292955N, rated at.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.13	gm/bhp-hr
NOx	4.46	gm/bhp-hr
PM10	0.2	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.79	gm/bhp-hr

CONDITIONS:

1. This equipment shall be 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: 1 (b)

Rating: 71 bhp

SIC: 4619

SCC: 20200102

Location/UTM(Km): 586E/3778N

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**
Brad Poiriez
Air Pollution Control Officer

2.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 93116.3(a)]

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

4.The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of two (2) 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. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- b. 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 13 CCR 93116.4(c)]

5.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 for a valid business purpose within this facility or moved to another facility annually. [Title 17 CCR 93116.2(bb)]

6.This USEPA Tier 2 certified engine may not be sold, or offered for sale, to an end user in California on or after January 1, 2022. The sale of engines for resale outside of California is not prohibited. [Title 17 CCR 93116.3(e)]

7.This USEPA Tier 2 certified engine may not be operated in California on or after January 1, 2022. [Title 17 CCR 93116.3(c)(1)(A)]

8.The o/o 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 13 CCR 93116.4(f) for details.

9.This diesel engine shall not be operated closer than 1000 feet (304 meters) from any Critical Receptor, defined as a School K-12, Health Care Facility or Residence. 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. [District Rule 1320, CH&SC 42301.6 Permit Approval: Powers & Duties of APCO]

10.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern. [District Rule 1302]

11.A facility wide Comprehensive Emission Inventory Report (CEIR) 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]