



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B010648

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2020

OWNER OF OPERATOR (Co.#353)

Graham Equipment Co
17109 Eureka Street
Victorville, CA 92392

EQUIPMENT LOCATION (Fac.#1233)

Graham Equipment - Various Locations
District Wide
MDAQMD, CA 92392

Description:

DIESEL IC ENGINE, PORTABLE GRIZZLY consisting of: Tier 0 powering a Nordberg Screen All Model CV1507D, Serial Number 754.

One John Deere, Diesel fired internal combustion engine Model No. 3029DF150 and Serial No. CD3029D593181, producing 58 bhp with cylinders at rpm while consuming a maximum of 5.0 gal/hr. This equipment powers a Nordberg Screen-All Screen Model No. CV1507D and Serial No. 754, rated at .

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.454	lbs/hr
NOx	1.128	lbs/hr
PM10	0.097	lbs/hr
SOx	0.119	lbs/hr
VOC	0.143	lbs/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: 58 bhp

SIC: 1442

SCC: 20100102

Location/UTM(Km):
476E/3815N

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 93116.2(bb)]

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 93116.3(a)]

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.

5. This unit shall not be operated for more than 22 hours per day.

6. The o/o 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 (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 93116.4(c)]

7. Prior to January 1, 2010, this portable diesel-fueled engine shall be certified to meet a federal or California standard for newly manufactured nonroad engines pursuant to 40 CFR Part 89 or Title 13 CCR Section 2423 (that is, certified to Tier 1, 2 or 3 nonroad engine standards). Otherwise, use this portable diesel-fueled engine exclusively in emergency applications or portable diesel-fueled engine that qualify as low-use engine (operates 80 hours or less per calendar year) and prior to January 1, 2010, submit a written notification to replacing this engine with a Tier 4 engine within two (2) years of the first engine being offered for sale that satisfies the Tier 4 emission standards. (Tier 4 engines are phased in by horsepower size range beginning in 2013). (Title 17 CCR Section 93116.3 (b)(1))

8. The fleet* under control of this o/o 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 0.30

January 1, 2017 0.18

January 1, 2020 0.04

* 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 17 CCR 93116.3(d).

9. The o/o 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, see 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 by

January 1, 2013 March 1, 2013

January 1, 2017 March 1, 2017

January 1, 2020 March 1, 2020

10. This portable equipment 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 Health and Safety Code Section 42301.6.

11. 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 requirements of the ATCM shall govern.