



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B012605

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: APRIL 2017

OWNER OF OPERATOR (Co.#1509)

Nursery Products, LLC
P.O. Box 1439
Helendale, CA 92342

EQUIPMENT LOCATION (Fac.#2571)

Nursery Products, LLC
14479 Cougar Road
Helendale, CA 92342

Description:

DIESEL IC ENGINE, GREEN WASTE TROMMEL SCREEN consisting of: A certified Tier 4i Diesel Engine Manufactured in 2014 by Perkins, USEPA Family EPKXL04.4ML1 and CARB Executive Order U-R-022-0193, equipped with factory-installed exhaust after-treatment devices:

One Perkins, Diesel fired internal combustion engine Model No. C4.4 and Serial No. 44808101, Direct Injected, Turbo Charged, After Cooled, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Diesel Oxidation Catalyst, Electronic Control Module, Compression-Ignited, Continuous Trap Oxidizer, producing 174 bhp with 4 cylinders at 2200 rpm while consuming a maximum of 9.0 gal/hr. This equipment powers a Terex Screen Model No. Phoenix Trommel 2100 and Serial No. TRX00176LDGF60677, rated at 7.4 cu. yds.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.22	gm/bhp-hr
NOx	1.79	gm/bhp-hr
PM10	0.003	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.01	gm/bhp-hr

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise

Fee Schedule: 1 (b)

Rating: 174 bhp

SIC: 4953

SCC: 20200102

Location/UTM(Km):
459E/3826N

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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Helendale, CA 92342

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

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 1302]

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 for a valid business purpose 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) 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. The o/o shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of three (3) 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) or total hours;
- b. Descriptions of all breakdowns and repairs made to the engine or any emission control device; and,
- c. 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)]

5. 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

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* 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).

6. 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 Effective Date // Submit Report by

January 1, 2013 // March 1, 2013

January 1, 2017 // March 1, 2017

January 1, 2020 // March 1, 2020

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7. 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.