



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

B013317

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: APRIL 2027

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, PORTABLE TROMMEL SCREEN consisting of: Portable Trommel Screen with a throughput rating of 65 TPH. Equipment includes a certified Tier IV Final diesel engine, EPA Family JJDXL04.5315, manufactured in 2018, equipped with factory installed emission control devices. Exhaust flow is approximately 482 ACFM at 888 degrees Fahrenheit. This equipment may be operated anywhere within the area known as Nursery Products, LLC, 14479 Cougar Road, Helendale, CA 92342. Exhaust stack is estimated at 12 foot high with a 0.3 foot diameter. PERP Registration Number: NONE

One John Deere, Diesel fired internal combustion engine Model No. 4045HFC93 and Serial No. PE4045U076473, Ammonia Oxidation Catalyst, Charge Air Cooler, Compression-Ignited, Diesel Oxidation Catalyst, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Selective Catalytic Reduction, Selective Catalytic Reduction, Turbo Charged, producing 134 bhp with 4 cylinders at 2400 rpm while consuming a maximum of 7.2 gal/hr. This equipment powers a Vermeer Screen Model No. TR626 and Serial No. 5658552N7KF004051, rated at 200 Cubic Yards/Hour.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.75	gm/bhp-hr
NOx	0.25	gm/bhp-hr
PM10	0.0145	gm/bhp-hr
PM2.5	0.0145	gm/bhp-hr
SOx	0.005	gm/bhp-hr

Fee Schedule: 1 (b)

Rating: 134 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.

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

By: **COPY**
Brad Poiriez
Executive Director

Emission Type	Est. Max Load	Unit
VOC	0.015	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 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 annually. [Title 17 CCR 93116.2(a)(29), District Rules 1302, 1303, and 1320]

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. 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)]

5. 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;
 - b. Duration of each use (in hours as indicated by the hour timer);
 - c. Daily, weekly, monthly and calendar year operation in terms of total hours, and
 - d. Fuel sulfur concentration (the owner/operator may use the fuel supplier's certification of sulfur content if it is maintained as part of this log).
 [Title 17 CCR 93116.4(c)]

6. This engine is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter 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 shall govern. [Title 17 CCR 93116]

7. This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern. [District Rule 1302]

8. Visible emissions from this equipment shall not exceed an opacity equal to, or greater than, twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor [District Rule 401]. This equipment shall not discharge air contaminants or materials constituting a nuisance to any considerable number of persons or to the public [District Rule 402]. Roadways, work areas and stockpiles shall be kept sufficiently moist to control fugitive dust, and no visible emissions shall extend beyond the property line of the emission source [District Rule 403]. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance with this condition. [District Rule 1302(C)(2)(a)]

9. 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]