



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

B015503

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

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 200 TPH. Equipment includes a certified Tier IV Final diesel engine, EPA Family SPKXL04.4SU1, manufactured in 2025. Exhaust flow is approximately 924 ACFM at 910 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 9.5 foot high with a 0.328 foot diameter. PERP Registration Number: NONE

One Caterpillar, Diesel fired internal combustion engine Model No. C4.4 and Serial No. 4J406545, After Cooled, Turbo Charged, producing 188 bhp with 4 cylinders at 2200 rpm while consuming a maximum of 7.7 gal/hr. This equipment powers a EDGE Screen Model No. TRM 831 and Serial No. 25TRM 831 078, rated at 200 TONS/HOUR.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.2	gm/Kw-hr
NOx	0.2	gm/Kw-hr
PM10	0.01	gm/Kw-hr
PM2.5	0.0095	gm/Kw-hr
SOx	0.006	gm/Kw-hr
VOC	0.02	gm/Kw-hr

Fee Schedule: 1 (b)

Rating: 188 bhp

SIC: 4953

SCC: 20100102

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

CONDITIONS:

1. This certified Tier 4 Final portable compression-ignited internal combustion engine and any associated air pollution control 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 air 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 204 and 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 equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:

a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,

b. A cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or,

(ii) A maximum aromatic content of 35 volume percent.

[17 CCR 93116.3(a); 40 CFR 1090.305]

Note: Use of CARB certified ULSD fuel satisfies these requirements.

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 an operations log for this engine 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 following information:

a. Date, location, and duration of each use (in hours);

b. Monthly and consecutive 12 month period operation in terms of fuel consumption (in gallons) or total hours (both prime and maintenance use);

c. Fuel sulfur concentration as required by condition #3 (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log);

d. Weight of material processed, in; tons per hour, tons per day, tons per month, tons per year, and a description of the method used for the mass estimate;

e. Date and Description of maintenance performed on this equipment; and

f. Calendar year operating hours to assist CEI calculations.

[17 CCR 93116.4]

6. This engine is subject to the requirements of Title 17 CCR 93116, the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater. In the event of a conflict between these conditions and the ATCM, the more stringent requirements shall govern.

[District Rule 1302; Title 17 CCR 93116]

7. This unit shall not operate within 1000 feet of the outer boundary of any K-12 school. Proposed operations inside this boundary may require Public Noticing and or additional equipment restrictions. Therefore, any project proposed inside this boundary will require the submittal of a new application to revise this permit to operate. This is required to ensure compliance with the applicable requirements of the California Health and Safety Code Section 42301.6.

[District Rule 1302 and H&S Code 42301.6]

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 204]

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. For the purposes of CEI, Facility is defined as every structure, appurtenance, installation, and improvement on land which is associated with a source of air releases or potential air releases of a hazardous material.[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]