



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

B015396

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: JUNE 2026

OWNER OF OPERATOR (Co.#866)

Southern California Logistics Airport
18374 Phantom
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#3343)

SCLA - Maintenance Yard
18630 Readiness Street
Victorville, CA 92394

Description:

DIESEL IC ENGINE, PORTABLE TYMCO SWEEPER MODEL 600 (22145) consisting of: A Certified Tier 4 Final diesel engine, USEPA family PJDxLO4.5315, manufactured in 2025 and equipped with factory-installed emission control. Exhaust flow is estimated at 554 ACFM, at 925 degrees Fahrenheit through a 9.5 foot high by TBD inches diameter exhaust stack. Equipment is located at an elevation of 2877 feet above MSL.

One John Deere, Diesel fired internal combustion engine Model No. 4045HFC04 and Serial No. PE4045U221142, Turbo Charged, After Cooled, Selective Catalytic Reduction, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Diesel Oxidation Catalyst, High Pressure Fuel Injection (also EM), Selective Catalytic Reduction, producing 99 bhp with 4 cylinders at 2300 rpm while consuming a maximum of 5.68 gal/hr. This equipment powers a Tymco Sweeper Model No. 600 and Serial No. TBD, rated at 7.3 Cubic Yards.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.73	gm/bhp-hr
NOx	0.3	gm/bhp-hr
PM10	0.015	gm/bhp-hr
PM2.5	0.015	gm/bhp-hr
SOx	0.0055	gm/bhp-hr
VOC	0.14	gm/bhp-hr

Fee Schedule: 1 (b)

Rating: 99 bhp

SIC: 9199

SCC: 20300102

Location/UTM(Km):
465E/3828N

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.

Southern California Logistics Airport
18374 Phantom
Victorville, CA 92394

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

CONDITIONS:

1. This certified Tier 4 Final portable-stationary 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; 40 CFR 60.4211(a)]

2. 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(b)(2)(A)]

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 60.4207(b) and 40 CFR 1090.305]

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

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

e. Calendar year operating hours to assist CEI calculations.

[17 CCR 93116.4]

5. This diesel IC engine 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 pursuant to the ATCM's definition of "portable".)

[District Rules 1302, 1303, and 1320; Title 17 CCR 93116.2(a)(29)]

6. This engine shall not operate more than 2000 hours in any 12 consecutive month period.

This engine may be operated at 14177 McArt Road in Victorville for no more than 200 hours in any 12 consecutive month period for the purposes of maintenance.

[District Rules 1320 and 1520; Priority Score]

7. This unit shall not operate within a 1000 feet of the outer boundary of any K-12 school for more than 45 days annually. 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.

[H&S Code 42301.6; District Rule 1302(C)(2)(a)]

8. 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]

9. This equipment may only operate on SCLA property with the given hourly restrictions.

This equipment may be serviced, inspected and maintained at 14177 McArt Road in Victorville, and all records and permit posting requirements may be met at that location.
[District Rule 204]

10. 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]