



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

B011474

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: 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 SWEEPER (82957) consisting of: Year of Manufacturer 2011, Tier 3, USEPA Family BJDXL04.5111.

One John Deere, Diesel fired internal combustion engine Model No. 4045HF280B and Serial No. PE4045L177991, After Cooled, Direct Injected, Turbo Charged, producing 99 bhp with 4 cylinders at 2200 rpm while consuming a maximum of 39.0 lbs/hr. This equipment powers a Tymco Sweeper Model No. 600 and Serial No. 102Y14050911202050, rated at 3 cubic yards.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.675	gm/bhp-hr
NOx	2.55	gm/bhp-hr
PM10	0.225	gm/bhp-hr
SOx	0.0054	gm/bhp-hr
VOC	0.45	gm/bhp-hr

CONDITIONS:

1. This certified Tier 3 stationary compression-ignited internal combustion engine and its associated emission control systems 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.

Fee Schedule: 1 (b)

Rating: 99 bhp

SIC: 9199

SCC: 20100102

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**
Brad Poiriez
Air Pollution Control Officer

[District Rule 1302(C)(2)(a)]

2.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 - ATCM for DPM from Portable Engines]

3.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 and Title 17 CCR 93116 - ATCM for DPM from Portable Engines]

4.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[District Regulation XIII - NSR, Title 17 CCR 93116 - ATCM for DPM from Portable Engines]

5.The owner/operator shall maintain an 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, location, and duration of each use (in hours);
- b. Monthly and consecutive 12 month period hour meter readings, including the dates of all monthly readings;
- c. Date of each maintenance action or repair on any equipment noted in Condition #6;
- d. Description of each maintenance action or repair on any equipment noted in Condition #6; and
- e. Fuel sulfur concentration as required by condition #2 (you may use the supplier's certification of sulfur content if it is maintained as part of this log).

[District Regulation XIII - NSR]

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

[District Rule 1302 and H&S Code 42301.6]

7.This USEPA Tier 3 certified engine manufactured after January 1, 2009, operating as part of a Small Fleet (under company 866), may not be operated in California on or after January 1, 2029 unless this engine meets one of the following:

- a. The engine has been designated as low-use, in accordance with Title 13 CCR 2453(p); or
- b. The engine has been designated as emergency, in accordance with Title 13 CCR 2453(p); or
- c. The engine has been equipped with a properly functioning level-3 verified technology.

[Title 17 CCR 93116.3(c)(1)(A) and 93116.3(c)(3) and 93116.3(c)(4)]

In order to designate this engine as low-use or emergency, the owner/operator must submit an application to the District to modify this permit, in addition to submitting a modification to CARB via PERP Form 20 (Application for a Correction or Modification to an Existing Registration) according to the provisions of Title 13 CCR 2453(p).

"Level-3 Verified Technology" means a technology that has satisfied the requirements of the "Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines" in title 13, Cal. Code Regs., commencing with section 2700, and has demonstrated a reduction in diesel particulate matter of 85 percent or greater. In order to install a level-3 technology, the owner/operator must submit an application to the District to modify this permit.

8.This USEPA Tier 3 certified engine manufactured after January 1, 2009, operating as part of a Small Fleet (under company 866), may not be sold, or offered for sale, to an end user in California on or after January 1, 2029. The sale of engines for resale outside of California is not prohibited.

[Title 17 CCR 93116.3(e)]

9.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]

10.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]

11.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]