MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

# INACTIVE

B010630

Inactive type Permit has no description information.

## EXPIRES LAST DAY OF: NOVEMBER 2015

## OWNER OF OPERATOR (Co.#86)

MAGTFTC MCAGCC
Box 788110, Bldg 1418
Twentynine Palms, CA 92278-8110

## EQUIPMENT LOCATION (Fac.#3247)

USMC AGCC - USMC Facilities
Box 788110, Bldg. 1451
Twentynine Palms, CA 92278

**Description:**
DIESEL IC ENGINE, STREET SWEEPER AUXILIARY consisting of: Year of Manufacture 2005; Tier II Engine

One John Deere, Diesel fired internal combustion engine Model No. 4045T and Serial No. PE4045T450875, Direct Injected, Turbo Charged, producing 82 bhp with 4 cylinders at 2300 rpm while consuming a maximum of 31.0 lbs/hr. This equipment powers a Schwarzze Sweeper Model No. A7000 and Serial No. 292761, rated at .

### EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---|---|---|
| CO | 3.7 | gm/bhp-hr |
| NOx | 5.32 | gm/bhp-hr |
| PM10 | 0.3 | gm/bhp-hr |
| SOx | .005 | gm/bhp-hr |

## CONDITIONS:

1. This unit is subject to and must comply with applicable requirements of the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater (Title 17, CCR 93116). In particular this unit must comply with Title 17 CCR 2423 by January 1, 2010.

Fee Schedule: 1 (b) | Rating: 82 bhp | SIC: 9711 | SCC: 20100102 | Location/UTM(Km): 587E/3788N

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.

MAGTFTC MCAGCC
Box 788110, Building 1418

Twentynine Palms, CA 92278-8110

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time by January 1, 2012. [Title 17 CCR 93116.4(c)(2)(A)].

3. This equipment shall be installed, operated and maintained in strict accord 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.

4. 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 within this facility or moved to another facility annually.) [Title 17 CCR 93116.2(bb)]

5. 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) a weight per weight basis per CARB Diesel or equivalent requirements.

6. This portable diesel-fueled engine (unit) is certified to meet a federal or California standard for newly manufactured nonroad engines pursuant to 40 CFR Part 89 or Title 17 CCR Section 2423 (that is, certified to Tier 1, 2 or 3 nonroad engine standards); it is a Certified Tier II Engine.

7. The owner/operator (o/o) shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of five (5) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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 and duration of each use (in hours);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

8. The o/o of this unit must submit a Status Report for the entire fleet* by March 1, 2011. This Status Report should include, but not limited to the following, for details see Title 17 CCR 93116.4(e)(1):

a. The fleet's weighted average PM emission rate for the 2010 calendar year,
b. Inventory of portable engines in the fleet,
c. Identify, if applicable, each portable diesel-fueled engine that the owner commits to replacing with a Tier 4 engine,
d. Listing of portable diesel-fueled engines, if applicable, used exclusively in emergency applications,
e. Listing of portable diesel-fueled engines, if applicable, satisfying the low-use engine requirements,
f. Listing of portable alternative-fueled engines, if applicable, added to the fleet prior to January, 1, 2009, pursuant to section 93116.3(d)(2)(B)2, and
g. Listing of portable diesel-fueled engine(s) equipped with Selective Catalytic Reduction (SCR) system(s),

* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable units(s).

9. The fleet* under control of the 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 Weight DPM (g/bhp-hr)
January 1, 2013 0.30
January 1, 2017 0.18
January 1, 2020 0.04

* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable units(s).
* * The method used to calculate the Fleet Average is found in Title 17 CCR 93116.3(d).

10. 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 folloiwng compliance statement submittal dates:

Weight DPM Emission Fleet Average Date Submitted by
January 1, 2013 March 1, 2013
January 1, 2017 March 1, 2017
January 1, 2020 March 1, 2020

11. The o/o of fleets that are exempted from the requirements of section 93116.4 pursuant to section 93116.4 (a), the Responsible Official shall certify that all portable diesel-fueled engines in the fleet satisfy the requirements of section 93116.4(a). See Title 17 CCR 93116.4(f) for details.

12. The o/o and/or Responsible Official of a fleet electing to use electrification in determining the fleet average shall submit the report required by Title 17 CCR 93116.4(c)(3) by January 1, 2012.

13. This facility shall comply with District Rule 222-Limitations on Potential to Emit. Compliance with this rule will be demonstrated to the District on an annual basis through the submission of an approved Comprehensive Emission Inventory Report (CEIR). A copy of the most recent CEIR shall be maintained on-site and presented to District personnel upon request.