



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B012166

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: MARCH 2015**

**OWNER OF OPERATOR (Co.#866)**

Southern California Logistics Airport  
18374 Phantom  
Victorville, CA 92394

**EQUIPMENT LOCATION (Fac.#2563)**

SCLA - Phantom West  
18374 Phantom West  
Victorville, CA 92394

**Description:**

DIESEL IC ENGINE, PORTABLE PRIME consisting of: Tier IV Interim, Perkins 404D-22T, EPA Family 9H3XL2.22N4T

One Perkins, Diesel fired internal combustion engine Model No. 404D-22T and Serial No. TBD, Turbo Charged, producing 61 bhp with 4 cylinders at 3000 rpm while consuming a maximum of 4.8 gal/hr. This equipment powers a Morley Other Model No. M62D and Serial No. TBD, rated at .

**EMISSIONS RATES**

| Emission Type | Est. Max Load | Unit      |
|---------------|---------------|-----------|
| CO            | 1.04          | gm/bhp-hr |
| NOx           | 3.26          | gm/bhp-hr |
| PM10          | 0.20          | gm/bhp-hr |
| SOx           | 0.01          | gm/bhp-hr |
| VOC           | 0.17          | gm/bhp-hr |

**CONDITIONS:**

1. 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)].

Fee Schedule: 1 (b)

Rating: 61 bhp

SIC: 9199

SCC: 20100102

Location/UTM(Km):  
471E/3822N

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.

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

2. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.

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. 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 (regular 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).

7. 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).

8. 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 following 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

9. 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.

10. This portable equipment shall not be operated and/or located within 1,000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 30 consecutive days without completing the notification required by Health and Safety Code Section 42301.6.

11. This facility shall emit less than the following on a calendar year basis; Oxides of Nitrogen (NOx) - 25 tons, Volatile Organic Compound (VOC) - 25 tons, Particulate Matter less than 10 microns (PM10) - 15 tons, and Hazardous Air Pollutants (HAP) - 10 tons per

year for any single HAP and 25 tons per year for any combination of HAPs. Compliance shall be demonstrated annually to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEIR) or other District approved equivalent method. The report shall be submitted to the District each calendar year upon request.

12. The engine powering this device is a Certified Interim Tier IV, and meets the requirements of the Portable Diesel ATCM 93116. In the event of conflict between these permit conditions and the Portable Diesel ATCM, the more stringent requirements shall govern.