



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B010527

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: SEPTEMBER 2013

OWNER OF OPERATOR (Co.#1584)

ComAV Technical Services LLC
18438 Readiness Street
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#2675)

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18438 Readiness Street
Victorville, CA 92394

Description:

DIESEL IC ENGINE, PORTABLE, LOW-USE GENERATOR consisting of: Year of Manufacture: 1996, Rebuilt April 17, 2007; This is a Tier 0 Engine. -

One Hobart, Diesel fired internal combustion engine Model No. 120C224P5 and Serial No. 2LB006790, Direct Injected, Turbo Charged, producing 177 bhp with 6 cylinders at 2400 rpm while consuming a maximum of 0.0 . This equipment powers a All Aircraft Generator Model No. NULL and Serial No. NULL, rated at 120 kva.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.207	gm/bhp-hr
NOx	7.96	gm/bhp-hr
PM10	0.374	gm/bhp-hr
SOx	0.0055	gm/bhp-hr
TOG	0.495	gm/bhp-hr
VOC	0.495	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (b)

Rating: 177 bhp

SIC: 4581

SCC: 20200102

Location/UTM(Km):
473E/3820N

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**
Brad Poiriez
Air Pollution Control Officer

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles in a manner consistent with good air pollution control practice for minimizing emissions. 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 1302 (C)(2)(a)]

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 within this facility or moved to another facility annually.)

[Title 17 CCR 93116.2(a)(29)]

3. 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 93116.3(a)]

4. 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)]

5. This equipment shall not operate more than 6 hours per any single 24 hour period (one-day).

6. This equipment shall not operate more than 1300 hours per year, defined as 365 consecutive days.

7. This engine has been designated as "low-use" pursuant to Title 17 CCR 93116. Engine operation shall not exceed 80 hours per year, except for in an emergency event as defined in Title 17 CCR 93116.

[Title 17 CCR 93116.2(a)(22) and 9.3116.3(c)(4)]

8. 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 of each use and duration of each use (in hours);
- b. Reason for use (regular prime use, emergency, testing & maintenance, etc.);
- c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- d. Fuel sulfur concentration (may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)(2)(C)]

9. This certified, low-use engine shall satisfy one of the following requirements by January 1, 2020:

- a. The portable diesel-fueled engine is certified to Tier 4 emission standards for newly manufactured nonroad engines; or,
- b. The portable diesel-fueled engine is equipped with a properly functioning level-3 verified technology; or,
- c. The portable diesel-fueled engine is equipped with a combination of verified emission control strategies that have been verified together to achieve at least 85% reduction in diesel PM emissions.

[Title 17 CCR 93116.3(b)(3)]

10. The owner/operator 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).

Compliance Dates Pursuant to 17 CCR 93116.4(e)(2):

Weighted DPM Emission Fleet Average Dates: January 1, 2013; January 1, 2017; and January 1, 2020.

Submit Statement of Compliance reports for the above Fleet Averages by: March 1, 2013; March 1, 2017; and March 1, 2020, respectively.

11. The owner/operator 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. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 13 CCR 93116).