



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B014207

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2025

OWNER OF OPERATOR (Co.#2379)

Karem Aircraft, Inc.
13190 Perimeter Road
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#3759)

Karem Aircraft, Inc.
13190 Perimeter Road
Victorville, CA 92394

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of:

One Caterpillar, Diesel fired internal combustion engine Model No. C3.4B and Serial No. TBD, Diesel Oxidation Catalyst, Diesel Particulate Filter, producing 66 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 6 gal/hr. This equipment powers a Caterpillar Generator Model No. XQ60 and Serial No. TBD, rated at 48 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.68	gm/bhp-hr
NOx	3.28	gm/bhp-hr
PM10	0.02	gm/bhp-hr
PM2.5	0.02	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	0.17	gm/bhp-hr

CONDITIONS:

1. This 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 contaminants. Unless otherwise

Fee Schedule: 1 (b)

Rating: 44 bhp

SIC: 3721

SCC: 20100102

Location/UTM(Km):
465E/3829N

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.

Karem Aircraft, Inc.
1 Captial Drive
Lake Forest, CA 92630

By: **COPY**
Brad Poiriez
Executive Director

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 1302]

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 for a valid business purpose annually.

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

3. 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(c)(2)(A)]

4. 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) 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)]

5. This engine shall not be operated unless all of the following emission control systems are properly functioning including but not limited to the diesel oxidation catalyst. Furthermore, no changes shall be made to any of the emission control systems unless done so by a factory certified technician.

[District Rule 1320]

6. The operating hours for this engine shall not exceed 2190 hours per year.

[District Rule 1303]

7. This engine shall not be operated except when located within the fenced portion of the airport which includes the tarmac, and shall not be located closer than 500 meters (1640 feet) to any receptor.

[District Rules 1320 and 1520]

8. The owner/operator shall maintain a 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;

b. Duration of each use (in hours as indicated by the hour timer);

c. Daily, weekly, monthly and calendar year operation in terms of total hours, and

d. Fuel sulfur concentration (the owner/operator may use the fuel supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)]

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. 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]