



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

E008952

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.#1458)

Federal Aviation Administration (Lancaster)
4555 West Avenue G, Suite 7
Lancaster, CA 93536

EQUIPMENT LOCATION (Fac.#2670)

FAA - High Vista QSS RCLR
Shadow Mountain Road
North El Mirage Valley, CA 92301

Description:

PROPANE IC ENGINE, EMERGENCY GENERATOR consisting of: installed prior to 2005.

One General Motors, LPG fired internal combustion engine Model No. 5.7 L and Serial No. 0771169, producing 105 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 178.0 scf/hr. This equipment powers a Kohler Power Systems Generator Model No. GM23633-C105 and Serial No. 0771169, rated at 1800 rpm.

CONDITIONS:

1. This spark-ignited internal combustion engine and its associated air pollution control 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 noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[40 CFR 63.6640(a)]

2. This unit shall only be fired on propane fuel.

[District Rules 1302 and 1320]

3. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9621

SCC: 20100102

Location/UTM(Km):
425E/3830N

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.

Federal Aviation Administration
(Lancaster)
4555 West Avenue G, Suite 7
Lancaster, CA 93536

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

[40 CFR 63.6655(f)]

4. This unit shall be limited to emergency use only, defined as in response to a fire or when commercially available power has been interrupted due to unforeseen circumstances. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.

[40 CFR 63.6640(f)(2)]

5. The owner/operator shall conduct inspections in accordance with the following schedule. All inspections must occur at least annually regardless of operating hours.

- a. Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil change analysis program to extend oil change frequencies per the requirements in 40 CFR 63.6625(i);
- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The District must be notified within 5 working days of any exceedance of these maintenance intervals, noting the duration, cause, and corrective actions taken.

[40 CFR 63.6630(a) and Table 2d, 40 CFR 63.6640(b), and 40 CFR 63.6650(d)]

6. The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of two (2) 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 per hour meter);
- b. Reason for use (testing & maintenance, emergency, required emission testing);
- c. Calendar year operation in terms of fuel consumption; and,
- d. Records of all required maintenance and inspections.

[40 CFR 63.6655, District Rule 1302]

7. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.

[40 CFR 63.6640(f)(4)(ii)]

8. The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

[40 CFR 63.6625(h)]

9. This engine is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAP). In the event of a conflict between these conditions and the NESHAP, the more stringent requirements shall govern.

[40 CFR 63, Subpart ZZZZ]

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]