



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

E012522

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.#2501)

FAA - Daggett VOR
Harvard exit @ I-15
Daggett, CA 92327

Description:

PROPANE IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Mfg. 2014, Engine Family EPSIB4.302ED

One General Motors, LPG fired internal combustion engine Model No. and Serial No. TBD, producing 71 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 242 scf/hr. This equipment powers a Kohler Generator Model No. 40 REZG and Serial No. TBD, rated at .

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	24	gm/bhp-hr
NOx	5.82	gm/bhp-hr
NOx+NMHC	6.13	gm/bhp-hr
PM10	0.043	gm/bhp-hr
SOx	0.058	gm/bhp-hr

CONDITIONS:

1. This certified, stationary, spark-ignited, internal combustion engine, 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

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9661

SCC: 20100202

Location/UTM(Km):
510E/3856N

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

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 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, Section 60.4243; District Rule 1302]

2. This engine shall be fired on LPG or Propane gas only.

[District Rule 431]

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

[District Rule 1302]

4. This unit shall be operated no more than 100 hours per year for testing and maintenance.

[40 CFR 60.4243]

5. The o/o 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 following information:

- 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 standard cubic feet or gallons) and/or total hours; and
- d. Maintenance and Repair actions on the engine.

[40 CFR 60.4245]

6. This unit may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response. Except as provided in 1-6 below, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

- a. The engine is dispatched by the local balancing authority or local transmission and distribution system operator;
- b. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
- c. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
- d. The power is provided only to the facility itself or to support the local transmission and distribution system.
- e. The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

[District Rule 1302; 40 CFR 60.4243(d)(3)]

7. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.

[District Rule 1302]