



**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**

E010788

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.#3159)**

FAA - Barstow QQQ RCAG  
34d 50' 53.82N, 117d 2' 35.37W  
Barstow, CA 92311

**Description:**

PROPANE IC ENGINE, EMERGENCY GENERATOR consisting of: This lean burn emergency engine complies with the emission limits specified in 40 CFR 60 Subpart JJJJ Section 60.4233.

One General Motors, LPG fired internal combustion engine Model No. 5.7 L and Serial No. 2272664, producing 105 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 9.0 gal/hr. This equipment powers a Kohler Generator Model No. 60 REZG and Serial No. 2252712, rated at kw.

**EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	29.76	gm/bhp-hr
NOx	6.51	gm/bhp-hr
PM10	0.197	gm/bhp-hr
SOx	0.0045	gm/bhp-hr

**CONDITIONS:**

1. 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.

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9661

SCC: 20301001

Location/UTM(Km):  
496E/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

2. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
  
3. This unit shall only be fired on propane fuel.
  
4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
  
5. The o/o shall maintain a log for this unit, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of two (2) years and shall be provided to District personnel on request:
  - a. Date of each test;
  - b. Duration of each test, in minutes;
  - c. Why equipment was operated (testing & maintenance, emergency use, required emission testing)
  - d. Monthly usage and annual operation in terms of fuel consumption (in gallons) and total hours;
  - e. Retain equipment usage and fuel log for 3 years with 2 years at least onsite or at central location.[40 CFR 60.4245]
  
6. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. 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.
  
7. This engine is subject to 40 CFR 60 Subpart JJJJ - New Source Performance Standard for Stationary Spark Ignition Internal Combustion Engines.