



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

E010883

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: APRIL 2026

OWNER OF OPERATOR (Co. #1913)

Riverside County Information Technology - PSEC
7195 Alessandro Blvd.
Riverside, CA 92506

EQUIPMENT LOCATION (Fac. #3184)

Riverside, County of (DC2915)
14977 Aqueduct Rd
Earp, CA 92242

Description:

PROPANE IC ENGINE, EMERGENCY GENERATOR consisting of: Model Year 2009, Engine Family AGNXB06.82L5. This engine complies with the emission limits specified in 40 CFR 60 Subpart JJJJ Section 60.4233(d).

One Generac, Propane fired internal combustion engine Model No. 6.8GN and Serial No. 2950076, producing 85.5 bhp with 10 cylinders at 1800 rpm while consuming a maximum of 260.0 scf/hr. This equipment powers a Generac Generator Model No. SG050 and Serial No. 2104413, rated at 50 kw.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.19	gm/bhp-hr
NOx	0.02	gm/bhp-hr
PM10	0.035	gm/bhp-hr
SOx	0.002	gm/bhp-hr
VOC	0.21	gm/bhp-hr

CONDITIONS:

1. This certified, stationary, spark-ignited, internal combustion engine and control device 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. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications

Fee Schedule: 7 (g) Rating: 1 device SIC: 4812 SCC: 20200202 Location/UTM(Km): 750E/3785N

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.

Riverside County Information
Technology - PSEC
Attn: Fiscal

Riverside, CA 92506

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

submitted with the application for this permit.

[40 CFR 60.4243(a)(1), Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines]

2.This unit shall be fired on Liquefied Petroleum Gas (LPG) fuel only.

[District Rule 1302(C)(2)(a)]

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(C)(2)(a)]

4.The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of three (3) 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 (testing & maintenance, emergency, required emission testing);
- c. Calendar year operation in terms of fuel consumption (in standard cubic feet or gallons) or total hours; and,
- d. Records of all inspections, maintenance and repair actions.

[40 CFR 63.6640(f) and District Rule 1302(C)(2)(a)]

5.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 100 hours per year for testing and maintenance, excluding compliance source testing.

[40 CFR 60.4243(d), Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, Rule 1320]

6.Engine may operate in response to notification of impending involuntary rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.

[District Rule 1302(C)(2)(a)]

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 60.4243(d), Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines]

8.In accordance with 40 CFR 63.6585(f), this area HAP source engine is currently exempt from the requirements of 40 CFR 63, subpart ZZZZ - the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (the RICE NESHAP).

Upon loss of this exemption, immediate compliance with 40 CFR 63, Subpart ZZZZ is required. Additionally, this existing commercial emergency stationary engine shall not operate for non-emergency use as part of any financial arrangement with any other entity.

[40 CFR 63.6585(f), 40 CFR 63.6640(f), and 40 CFR 63.6675]

9.The facility must submit accurate emissions inventory data 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]