



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

E012132

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: FEBRUARY 2027

OWNER OF OPERATOR (Co.#100)

Metropolitan Water District of So Calif
158000 MWD Road
Parker Dam, CA 92267

EQUIPMENT LOCATION (Fac.#774)

MWD - Iron Mountain Pumping Plant
6001 Iron Mt Pumping Road
Earp, CA 92242

Description:

PROPANE IC ENGINE, EMERGENCY GENERATOR (SITE II) consisting of: Yr of Mfg 2014, Engine is subject to the requirements of 40 CFR 60, Subpart JJJJ pursuant to section 60.4230(a)(4)(iii).

One Generac, LPG fired internal combustion engine Model No. EPA FAMILY NAME EGNXB06.82L6 and Serial No. , producing 86 bhp with 10 cylinders at 1800 rpm while consuming a maximum of 305 scf/hr. This equipment powers a GENERAC Generator Model No. SG050 and Serial No. 9073647, rated at 50 KW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.095	lbs/hr
NOx	0.287	lbs/hr
PM10	0.004	lbs/hr
SOx	0.001	lbs/hr
VOC	0.002	lbs/hr

CONDITIONS:

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4941

SCC: 20201001

Location/UTM(Km):
673E/3780N

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.

Metropolitan Water District of So Calif
P O Box 54153

Los Angeles, CA 90054

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

1. This engine, certified in accordance with 40 CFR Part 1048, and after treatment control device (if any) shall be installed, operated and maintained according to the manufacturer's emission-related written instructions. Further, the owner/operator shall change only those emission-related settings that are permitted by the manufacturer. 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 Part 60 Subparts 60.4231(c), 60.4233(c), 60.4236(c), (d), and 60.4237]

2. This unit shall be limited to use for emergency power, defined as in response to a fire or flood, 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.

3. 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. [Subpart 60.424317(d)]

4. Owner/operator must keep, at a minimum, the following information in electronic or hardcopy format. This information must be kept on-site, or at a central location (agreed to by the District) for a minimum of two years and shall be provided to District, State, or Federal personnel upon request.
 - a. Annual hours of operation (from the non-resettable hour meter);
 - b. Maintenance conducted on the equipment listed above; and
 - c. Fuel purchase records.

5. A non-resettable hour meter with a minimum four digit display capability shall be installed and maintained on this engine to indicate elapsed engine operating time. [40 CFR 60.425]

6. This unit shall only be fired on propane gas.

7. The owner/operator shall provide a comprehensive emission inventory report, in a format approved by the District and according to District emission inventory guidance, upon District request.