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

E012735

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: MARCH 2027

OWNER OF OPERATOR (Co.#871)

Victorville, City of - Water District
14343 Civic Drive
Victorville, CA 92392

EQUIPMENT LOCATION (Fac.#3690)

El Evado Treatment Plant
13690 El Evado Road
Victorville, CA 92392

Description:
NATURAL GAS IC ENGINE, EMERGENCY GENERATOR consisting of: Model Year 2017, USEPA Family HGNXB05.42MN, exhaust flow rate of 357 cubic feet per minute at 1100 degrees Fahrenheit.

One Generac Power Systems, Inc., NG fired internal combustion engine Model No. SG050 and Serial No. 30018C12/0, Four-Stroke Lean Burn, Direct Injected, Electronic Control Module, producing 80 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 879 scf/hr. This equipment powers a Generac Generator Model No. SG050 and Serial No. 3001801270, rated at 50 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.64	gm/bhp-hr
NOx	0.22	gm/bhp-hr
PM10	0.00835	lbs/hr
SOx	0.00052	lbs/hr
VOC	0.38	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 9131 | SCC: 20100202 | Location/UTM(Km): 468E/3817N

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.

Victorville, City of - Water District
Public Works - Fleet Division

Victorville, CA 92392-2399

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

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 60.4231(c), 60.4233(c), 60.4234, and 60.4243(a)(2)(ii)]

2. This unit shall be fired on PUC-regulated pipeline quality natural gas only.
[40 CFR 60.4243]

This unit may be fired on propane fuel in cases of natural disaster, or when natural gas is not available.
[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. This engine 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 engine shall be operated no more than 100 hours per year for testing and maintenance.
[40 CFR 60.4243]

5. 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 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) for both fuel types (natural gas and propane) or total hours; and
d. Maintenance and repair actions, including date and description.
[40 CFR 60.4243(a)(1) and 60.4245(a)(2)]

6. This engine is subject to 40 CFR 60, Subpart JJJJ - New Source Performance Standard for Stationary Spark Ignition Internal Combustion Engines.

7. 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]