MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT E015673

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: MARCH 2027

OWNER OF OPERATOR (Co.#2319)

Phelan Pinon Hills CSD
4176 Warbler Rd.
Phelan, CA 92371

EQUIPMENT LOCATION (Fac.#4410)

PPHCSD - Civic Center
9535 Sheep Creek Road
Phelan, CA 92371

Description:
NATURAL GAS IC ENGINE, EMERGENCY GENERATOR consisting of: A rich-burn, natural gas fired engine, USEPA family SGNXB14.22C1 manufactured in 2025 and equipped with factory-installed emission control devices. Exhaust flow is approximately 1327 cfm at 1378 degrees Fahrenheit through a 10 foot high by 0.42 foot diameter exhaust stack.

One Generac, NG fired internal combustion engine Model No. E14.2MSN227A3 and Serial No. TBD, Four-Stroke Rich Burn, After Cooled, Spark-Ignited, Turbo Charged, producing 304 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 2460 scf/hr. This equipment powers a Generac Generator Model No. SG200 and Serial No. TBD, rated at 200 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.820	gm/bhp-hr
NOx	0.075	gm/bhp-hr
PM10	0.036	gm/bhp-hr
PM2.5	0.036	gm/bhp-hr
SOx	0.002	gm/bhp-hr
VOC	0.037	gm/bhp-hr

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 4941 | SCC: 20100202 | Location/UTM(Km): 440E/3814N

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.

Phelan Pinon Hills CSD
4176 Warbler Rd.
Phelan, CA 92371

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

CONDITIONS:

1. This EPA certified, stationary, spark-ignited, internal combustion engine and its associated catalyst 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 contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 204; 40 CFR 60.4234; and 60.4243(a)(1)]

2. This Permit Unit shall be fired exclusively on PUC-Regulated Pipeline Quality natural gas.
[District Rules 204 and 406(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 Rules 204 and 1160]

4. This engine and catalyst shall be maintained and operated according to the manufacturer's emission-related instructions at all times in order to minimize emissions and maintain its status as a certified stationary internal combustion engine.
[40 CFR 60.4243]

5. The manufacturer installed Air-to-Fuel Ratio Controller (AFRC) shall be used in conjunction with the operation of the manufacturer installed three-way catalyst, and shall be maintained and operated appropriately to ensure proper operation of the engine and control device to minimize emissions at all times.
[40 CFR 60.4243(g)]

6. This unit shall be limited to use for emergency power, defined as in response to a fire, flood, or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 100 hours per rolling 12 month period for testing and maintenance, excluding compliance source testing.
[District Rule 1160; 40 CFR 60.4243(d)]

7. 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) calendar 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. Rolling 12 month operation log in terms of fuel consumption (in standard cubic feet or gallons) and total hours; and,
d. Records of all maintenance and repair actions performed on the engine.
[District Rules 204 and 1160; 40 CFR 60.4245]

8. This equipment shall not operate for non-emergency use, including maintenance and testing, during the following periods:
a. Whenever there is a school sponsored activity; or,
b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session.
[District Rule 204]

9. 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 204]

10. 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.
[District Rule 204; 40 CFR 60.4243(d)]

11. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; 40 CFR 51, Subpart A]