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

INACTIVE

E014874

Inactive type Permit has no description information.

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 Lean-burn spark 235 kw ignition internal combustion engine, driving a generator used to provide standby power to the facility. EPA Engine Family PPSIB11.1NGP. Year of Manufacture TBD; Exhaust flow is 1425 ACFM at 1382 degrees Fahrenheit; Stack Height is 6.67 Feet; Stack Diameter 0.29 Feet Equipment elevation is 4149 feet above sea level.

One PSI , NG fired internal combustion engine Model No. 11.1LTCAC and Serial No. TBD, Charge Air Cooler, Turbo Charged, producing 315 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 2115 scf/hr. This equipment powers a Stamford Electric Generator Model No. UCID274J-311 and Serial No. TBD, rated at 235 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.0	gm/bhp-hr
NOx	1.0	gm/bhp-hr
PM10	0.000077	gm/bhp-hr
PM2.5	0.000077	gm/bhp-hr
SOx	0.00059	gm/bhp-hr
VOC	0.7	gm/bhp-hr

CONDITIONS:

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.

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By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

1. This stationary, spark-ignited, internal combustion engine 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.
[40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, section 60.4243; District Rule 1302]

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[40 CFR 60.4237]

3. This unit shall only be fired on PUC regulated Pipeline quality natural gas fuel.
[40 CFR 60.4243, District Rules 431 and 1302]

4. This unit shall be limited to emergency use only, 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 than 100 hours per year for testing and maintenance. Please note there is no limitation on emergency use.
[40 CFR 60.4243(d), District Rules 1302 and 1303]

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 five (5) 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 total hours;
d. The date and a summary of any emissions corrective maintenance taken; and
e. Records of all maintenance and repair actions performed on the engine.
[40 CFR 60.4245, District Rule 1320]

6. This equipment may operate in response to an impending 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 may be operated no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer imminent or in effect.
[District Rule 204]

7. This equipment 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 and 40 CFR 60.4243]

8. 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, and 40 CFR 51, Subpart A]