



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

E012335

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: DECEMBER 2026

OWNER OF OPERATOR (Co.#937)

Hitchin Lucerne, Inc
32946 Highway 18
Lucerne Valley, CA 92356

EQUIPMENT LOCATION (Fac.#1710)

Hitchin Lucerne, Inc
32946 Highway 18
Lucerne Valley, CA 92356

Description:

NATURAL GAS IC ENGINE, EMERGENCY GENERATOR consisting of: Model Year 2015, USEPA Family FCEXB06.8GDB, stack height 10', stack diameter 0.25', exhaust flow rate of 625 cubic feet per minute at 1063 degrees Fahrenheit.

One Cummins, NG fired internal combustion engine Model No. WSG-1068 and Serial No. J150879967, Turbo Charged, After Cooled, Air-To-Fuel Ratio Controller, Electronic Control Module, Four-Stroke Rich Burn, producing 153.2 bhp with 10 cylinders at 1800 rpm while consuming a maximum of 1090 scf/hr. This equipment powers a Cummins Generator Model No. GGHH100 and Serial No. 1524613, rated at 100 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.00	gm/bhp-hr
NOx	0.02	gm/bhp-hr
PM10	9.50	other
SOx	0.588	other
VOC	0.10	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g)

Rating: 153.2 device

SIC: 5251

SCC: 20100202

Location/UTM(Km):
513E/3802N

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.

Hitchin Lucerne, Inc
PO Box 749
Lucerne Valley, CA 92356

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

2. This unit shall only be fired on natural gas 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. It is expected that air-to-fuel ratio controllers will be used with the operation of three- way catalysts/non-selective catalytic reduction. The AFR controller must be maintained and operated appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times.
[40 CFR60.4243(g)]

5. This equipment 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.
[40 CFR 60.4243]

6. 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; and
- d. Maintenance and repair actions, including date and description.

[40 CFR 60.4243(a)(1) and 60.4245(a)(2)]

7. This engine is subject to 40 CFR 60, Subpart JJJJ - New Source Performance Standard for Stationary Spark Ignition Internal Combustion Engines and these permit conditions. In the event of conflict, the more stringent requirements shall govern.
[District Rule 1302]

8. 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]