



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B014071

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2022

OWNER OF OPERATOR (Co. #2619)

9938 Rancho Road, LLC
8605 Santa Monica Blvd
N Hollywood, CA 90069-4109

EQUIPMENT LOCATION (Fac. #4049)

Big Trip Mfg.
9938 Rancho Road
Adelanto, CA 92301

Description:

NATURAL GAS IC ENGINE, PORTABLE GENERATOR, CANNABIS consisting of: A prime use lean-burn spark ignition internal combustion engine, driving a generator used to provide power to this facility. This 1057 bhp uncertified engine was manufactured in 2012. Exhaust flow is approximately 5553 ACFM at 792 degrees Fahrenheit. Equipment elevation is 2948 feet above sea level.

One Guacator, NG fired internal combustion engine Model No. SFGLD 560 and Serial No. 330.874, After Cooled, Air-To-Fuel Ratio Controller, Turbo Charged, Four-Stroke Lean Burn, producing 1057 bhp with 16 cylinders at 1200 rpm while consuming a maximum of 6945 scf/hr. This equipment powers a Guacator Generator Model No. SFGLD 560 and Serial No. TBD, rated at 762 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.131	gm/bhp-hr
NOx	4.085	gm/bhp-hr
PM10	0.000	gm/bhp-hr
PM2.5	0.000	gm/bhp-hr
SOx	0.001	gm/bhp-hr
VOC	1.001	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (d) Rating: 1057 bhp SIC: 2833 SCC: 20200254 Location/UTM(Km): 459E/3825N

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.

9938 Rancho Road, LLC
PMB 85819

N Hollywood, CA 90069-4109

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

1.This equipment shall not operated at this facility (facility no. 4044) after June 21, 2021. Additionally, this equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. This equipment must be moved for a valid business purpose annually.

[Title 17 CCR 93116.2(bb); District Rules 1302, and 1303]

2.This spark-ignited, internal combustion engine and air/fuel ratio controller 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 1302]

3.This unit shall only be fired on PUC regulated Pipeline quality natural gas fuel.

[District Rules 431 and 1302]

4.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]

5.This equipment shall not operated for more than 4368 hours in any one year (rolling 12 month summary).

[District Rule 1303]

6.The Air-to-Fuel Ratio Controller (AFRC) shall be maintained and operated appropriately to ensure proper operation of the engine and control device to minimize emissions at all times.

[District Rule 1302]

7.This engine shall not operate at a load exceeding 80%. This shall be measured by electrical power output, which shall not exceed 609 kW.

[District Rule 1302]

8.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 information specified below:

- a. Daily check for engine alarms;
- b. Monthly fuel use (in cubic feet or therms);
- c. Hours of operation, totaled on a monthly basis;
- d. Monthly power output (in kWh);
- e. The date and a summary of any emissions corrective maintenance taken; and
- f. Records of all maintenance and repair actions performed on the engine, including any calibrations carried out on the AFRC.

[District Rule 1302]

9.Engine control systems, such as air-to-fuel ratio controllers, shall have a malfunction indicator light and audible alarm. Owner/operator shall have written procedures for responding to emission control malfunctions.

[District Rule 1302]

10.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]