



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

B015665

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: APRIL 2027

OWNER OF OPERATOR (Co.#2925)

Beverly Hills View, Inc.
2594 Mercantile Way
Barstow, CA 92311

EQUIPMENT LOCATION (Fac.#4347)

Beverly Hills View, Inc.
2594 Mercantile Way
Barstow, CA 92311

Description:

NATURAL GAS IC ENGINE, GENERATOR, CANNABIS consisting of: Year of Manufacture 2025; Stack Height 11.8 Feet; Stack Diameter 0.83 Feet; Exhaust temperature 1035 degrees F; Exhaust Flow Rate 759 ACFM; Engine exhausts through a 2G Model PN 61014-26518, Serial Number G6921 NSCR Emission Control Catalyst. Engine emission rate details obtained from Manufacturer Specifications. Equipment elevation is 2974 feet above sea level.

One 2G, NG fired internal combustion engine Model No. Aura 412 and Serial No. G6921, Three-Way Catalyst (also NSCR), Four-Stroke Rich Burn, Air-To-Fuel Ratio Controller, Spark-Ignited, Turbo Charged, producing 670 bhp with 12 cylinders at 1800 rpm while consuming a maximum of 0.00466 MMscf/hr. This equipment powers a 2G Generator Model No. 61014-26518 and Serial No. G6921, rated at 500 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.55	gm/bhp-hr
NOx	0.05	gm/bhp-hr
PM10	0.0212	gm/bhp-hr
PM2.5	0.0212	gm/bhp-hr
SOx	0.0045	gm/bhp-hr
VOC	0.01	gm/bhp-hr

Fee Schedule: 1 (c)

Rating: 670 bhp

SIC: 2833

SCC: 20100202

Location/UTM(Km):
492E/3586N

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.

Beverly Hills View, Inc.
7381 Foothill Blvd
Tujunga, CA 92311

By: **COPY**
Brad Poiriez
Executive Director

CONDITIONS:

1. This stationary, spark-ignited, internal combustion engine and its associated control device (three-way catalyst) 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; 40 CFR 60.4243, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines]
2. This unit shall only be fired on PUC regulated Pipeline quality natural gas fuel.
[District Rules 431 and 1302; 40 CFR 60.4243]
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 1160(E)(1)(a)(ii); 40 CFR 60.4237]
4. 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. Monthly fuel usage in cubic feet or therms;
 - b. Monthly, calendar quarterly, and rolling twelve (12) month operation in terms of total hours;
 - c. Engine maintenance plan, as required in 40 CFR 60.4243(a)(2)(iii);
 - d. Records of all maintenance and repair actions performed on the engine, the AFRC, and the NSCR catalyst, including date and description;
 - e. Results of all engine inspections as required in condition #9; and
 - f. Documentation from the manufacturer that the engine is certified to meet the emission standards as required in 40 CFR Part 60, Subpart JJJJ, and District Rule 1160 as applicable.
[District Rule 1160; 40 CFR Part 60, Subpart JJJJ]
5. The air-to-fuel ratio controller shall be used in conjunction with the operation of the 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), Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines]
6. In the event that the three-way catalyst is replaced, the new (replacement) three-way catalyst must be of the same Manufacturer and model designation and it must be installed by Factory Certified personnel to avoid follow-on source testing.

If the Manufacturer or the Model designation of the new (replacement) three-way catalyst is not identical to the original three-way catalyst or if the unit is not installed by Factory Certified personnel, then the engine shall be source tested in accordance with the procedures outlined in 40 CFR 60.4244 and/or District Rule 1160 within 90 days after the catalyst replacement. The source test results must verify that the engine meets the following maximum emission limits (measured at standard conditions):
 - a. NO_x: 0.05 g/bhp-hr;
 - b. VOC: 0.70 g/bhp-hr; and
 - c. CO: 0.55 g/bhp-hr.
[District Rules 1160, 1303 and 1320; 40 CFR 60.4243, 40 CFR 60.4244]
7. This engine is subject to the requirements of the New Source Performance Standards (NSPS) for Stationary Spark Ignition IC Engines (40 CFR 60, Subpart JJJJ), District Rule 1160 - Internal Combustion Engines and the BACT thresholds of District Rule 1303. In the event of conflict, the more stringent requirement(s) shall govern.
[District Rules 1160 and 1303; 40 CFR Part 60, Subpart JJJJ]
8. The owner/operator must comply with the following emission standards, as referenced below, over the entire life of the engine. The owner/operator must comply with the emission standards under 40 CFR Part 60, Subpart JJJJ and District Rule 1160(C)(1) over the entire life of the engine. Compliance may be demonstrated by meeting certified manufacturer emission rates.

Maximum Allowable Emission Standards:

- a. NOx: 1.0 g/bhp-hr;
- b. VOC: 0.70 g/bhp-hr; and
- c. CO: 2.0 g/bhp-hr.

[Emission rates are from Table 1 to Subpart JJJJ of Part 60, and compliance with the standard is based upon the manufacturer certified emission rate and USEPA Certificate of Conformity T2GEB25.0AUR-001, and imposed to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold.]

Documentation from the manufacturer stating that the engine is certified to meet the emission standards must be retained on-site (or at a central location) and shall be provided to District, State and Federal personnel upon request.

[District Rule 1303 (BACT Limiting - NOx); 40 CFR Part 60.4233(e) and 60.4245(a)]

9. This engine must be inspected at least once each quarter or after every 2,000 hours of operation, whichever is more frequent. An inspection includes any testing, maintenance, and/or other procedures that ensure the engine is operated in strict accordance with the manufacturer's specifications and in continual compliance with the provisions of District Rule 1160. Records of such inspections must include the following information as a minimum:

- a. Inspection date;
- b. Records of testing, as applicable; and
- c. Records of maintenance.

[District Rule 1160(E)(1)(a)]

10. This engine shall not be operated concurrently with the engine covered under District Permit B014776. The operations logs for this unit required by Condition 4 must clearly show the startup date and times to demonstrate compliance with this requirement. Engine permitted under B014776 must be removed from service prior to the startup operation of the units permitted under B015665, B015666, and B015667.

[District Rules 1160, 1302 and 1320]

11. The entire facility shall not emit any of the Regulated Pollutants listed below in excess of the following limits in any consecutive 12 month period to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold:

- a. Oxides of Nitrogen (NOx): 20 tons per consecutive twelve (12) month period, measured as NO₂;
- b. Oxides of Sulfur (SOx): 20 tons per consecutive twelve (12) month period;
- c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve (12) month period;
- d. Carbon Monoxide (CO): 80 tons per consecutive twelve (12) month period;
- e. Hydrogen Sulfide (H₂S): 8 tons per consecutive twelve (12) month period;
- f. Lead (Pb): 0.48 tons per consecutive twelve (12) month period;
- g. Particulate Matter 10 microns and less (PM₁₀): 14.5 tons per consecutive twelve (12) month period;
- h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve (12) month period; and,
- i. All HAPs combined: 20 tons per consecutive twelve (12) month period.

Compliance with these limits shall be demonstrated through the submission of a facility-wide Comprehensive Emission Inventory (CEI) for all emitted Regulated Air Pollutants. Exceedance of these emission limits may trigger offsets, BACT, National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63, Subpart WWWW, Reinforced Plastic Composites Production, and/or require submission of a Title V permit application.

[District Rules 1302 and 1303]

12. 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.; and 40 CFR 51, Subpart A]