



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E013550

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2025

OWNER OF OPERATOR (Co.#2528)

EPG Power Corporation
9501 Commerce Way
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac.#3937)

EPG Power
9501 Commerce Way
Adelanto, CA 92301

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR (CANNABIS) consisting of: A certified Tier 4i diesel-fueled engine, 2013 model year, USEPA Family DCPXL12.5HPA; CARB EXECUTIVE ORDER U-R-001-0454, equipped with factory-installed emission control devices. Stack diameter is 4 inches in diameter, and stack height is 9 feet high. This engine is also registered in the CA PERP under registration number 166036. Facility Elevation is 3012 feet above sea level.

One Caterpillar, Diesel fired internal combustion engine Model No. C13 and Serial No. K3B00697, Direct Injected, Turbo Charged, Charge Air Cooler, Oxidation Catalyst, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Periodic Trap Oxidizer, producing 569 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 25.3 gal/hr. This equipment powers a TBD Generator Model No. TBD and Serial No. TBD, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.044	gm/bhp-hr
NOx	1.193	gm/bhp-hr
PM10	0.001	gm/bhp-hr
PM2.5	0.001	gm/bhp-hr
SOx	0.0041	gm/bhp-hr
VOC	0.037	gm/bhp-hr

CONDITIONS:

1. This certified stationary compression-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

Fee Schedule: 7 (g) Rating: 1 device SIC: 2833 SCC: 20100102 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.

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

emissions of air 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 60.4211(a)]

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

[17 CCR 93115.10(d)]

3.This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:

a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,

b. A cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or,

(ii) A maximum aromatic content of 35 volume percent.

[17 CCR 93115.5(a), 40 CFR 80.510(c), and 40 CFR 60.4207(b)]

Note: Use of CARB certified ULSD fuel satisfies these requirements.

4.This equipment shall be limited to use for emergency power, defined as in response to a fire or when normally available electrical power generated from the equipment permitted under B012902 has been interrupted. Pursuant to District Rule 301(E)(7)(g)(ii), this equipment shall not operate more than 200 total hours per year, including hours used for testing, maintenance, and emergency electrical generation. In addition, this equipment shall be operated no more than 100 hours per year for testing and maintenance.

[17 CCR 93115.6(b)(3), 40 CFR 60.4211(e), District Rule 301(E)(7)(g)(ii)]

5.The owner/operator shall maintain an operations log for this equipment current and on-site (or at a central location) for a minimum of three (3) 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, etc.);

c. Monthly and rolling 12 month period operation in terms of fuel consumption (in gallons) or total hours;

d. Fuel sulfur concentration as required by condition #3 (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log);

e. Maintenance performed on this equipment, including all emissions control devices; and

f. Total yearly hours operated (Not To Exceed 200 hrs/yr).

[17 CCR 93115.10(f), District Rule Rule 301(E)(7)(g)(ii)]

6.This equipment may operate in response to an impending electrical outage. The engine may be operated no more than 30 minutes prior to the planned or forecast outage and must be shut down immediately after normal electrical operations are restored.

[17 CCR 93115.6(a)(2)]

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.

[17 CCR 93115.6(c)(1)(C)]

8.This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.

[District Rule 1302]

9.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]