



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E012179

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#76)

Verizon Business
18850 Orange Street
Bloomington, CA 92316

EQUIPMENT LOCATION (Fac.#3539)

Verizon - Baker Silver Lake Rd.
2 miles west of Hwy 127 on Silver Lake Rd.
Baker, CA 92309

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: An uncertified, in-use and existing, engine manufactured in 1987 with no exhaust after-treatment device installed. Exhaust stack is 12 feet high and 4 inches in diameter with an exhaust flow of 385 CFM at 1,060 degrees F.

One John Deere, Diesel fired internal combustion engine Model No. 4239TF and Serial No. CD4239T730321, Direct Injected, Turbo Charged, Compression-Ignited, Charge Air Cooler, producing 80 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 3.68 gal/hr. This equipment powers a Stamford Generator Model No. Nema MG1-22.84 and Serial No. L675073, rated at 50 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.50	gm/bhp-hr
NOx	10.6	gm/bhp-hr
PM10	0.47	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.563	gm/bhp-hr

CONDITIONS:

1. This existing, diesel fueled engine and associated air pollution control equipment, 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

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4813

SCC: 20100102

Location/UTM(Km):
583E/3905N

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**
Eldon Heaston
Air Pollution Control Officer

submitted with the application for this permit.
[District Rule 204]

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:

1. A minimum cetane index of 40; or,

2. A maximum aromatic content of 35 volume percent.

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

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

4. This equipment shall be limited to use for emergency power, defined as when commercially available power has been interrupted. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance.

[17 CCR 93115.6(b)(3)]

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 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 information specified below:

a. Date of each use and duration of each use (in hours per hour meter);

b. Reason for use (testing & maintenance, emergency, required emission testing);

c. Calendar year operation in terms of fuel consumption (in gallons or total hours);

d. Records of all required maintenance and inspections, and;

e. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[17 CCR 93115.10(f)]

6. This equipment may operate in response to notification of 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 is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.

[17 CCR 93115.6(b)(1)]

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)(2)(C)]

8. This engine meets the definition of an existing commercial emergency stationary RICE pursuant to 40 CFR 63, Subpart ZZZZ.

Furthermore, this existing commercial emergency stationary RICE is exempt from 40 CFR 63, Subpart ZZZZ per 63.6585(f)(2).

[40 CFR 63.6585(f)]

9. This equipment is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115).

[District Regulation X]

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]