



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

E012394

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: NOVEMBER 2026

OWNER OF OPERATOR (Co.#76)

Verizon Business
18850 Orange Street
Bloomington, CA 92316

EQUIPMENT LOCATION (Fac.#3605)

Verizon - Baker N. Hwy 127
N. Hwy 127, Go 9 Miles on dirt rd., Go 14 miles, south side
Baker, CA 92309

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: An uncertified, in-use and existing, engine manufactured in 1986 with no exhaust after-treatment device installed. Exhaust stack is 12 feet high and 4 inches in diameter.

One John Deere, Diesel fired internal combustion engine Model No. 4239TF001 and Serial No. TD42239T149715, Direct Injected, Turbo Charged, Compression-Ignited, Charge Air Cooler, producing 110 bhp with 4 cylinders at 2500 rpm while consuming a maximum of 5.8 gal/hr. This equipment powers a Marathon Electric Generator Model No. 342FDR1028 and Serial No. SK3305729132, rated at 50 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.53	gm/bhp-hr
NOx	14.1	gm/bhp-hr
PM10	0.47	gm/bhp-hr
PM2.5	0.47	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	1.12	gm/bhp-hr

CONDITIONS:

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.

Verizon Business
18850 Orange Street
Bloomington, CA 92316

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

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 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 the above requirements.

4. 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 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 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/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:

a. Date(s) of each use and hours of operation. Include classification of each use as emergency, non-emergency, and/or condition 8 exemption use [17 CCR 93115.10(f)]; and,

b. Monthly and calendar year operation in terms of fuel consumption (in gallons) and/or total hours (both emergency and non-emergency use, classified as described in a. above) [17 CCR 93115.10(f)]; and,

c. Proof that fuel burned in this equipment meets the requirements of condition 3 (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, District Rule 1302]

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, and is therefore exempt from 40 CFR 63, Subpart ZZZZ as authorized in 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]