



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

E009678

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: JULY 2025

OWNER OF OPERATOR (Co. #2520)

Victorville, City of
14343 Civic Drive
Victorville, CA 92392

EQUIPMENT LOCATION (Fac. #1224)

Victorville Fire Station #314
17008 Silica Drive
Victorville, CA 92392

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Manufacturer 1992; Tier 0. This engine meets the definition of Existing Institutional Emergency RICE pursuant to 40 CFR 63 Subpart ZZZZ Section 63.6585(f)(3) and operated at an area HAP source therefore it exempt from the requirements of the NESHAP.

One John Deere, Diesel fired internal combustion engine Model No. 4039DF001 and Serial No. T04039D346778, producing 66 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 4.0 gal/hr. This equipment powers an Onan Generator Model No. 20R0ZJ81 and Serial No. 28195, rated at 25 kW(e).

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 5.76 | gm/bhp-hr |
| HC | 3.5 | gm/bhp-hr |
| NOx | 8.4 | gm/bhp-hr |
| PM10 | 1.0 | gm/bhp-hr |
| VOC | 3.5 | gm/bhp-hr |

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment

Fee Schedule: 7 (g) Rating: 1 device SIC: 9131 SCC: 20100102 Location/UTM(Km): 471E/3815N

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

shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 204]

2.This unit shall only be fired on ultra-low sulfur diesel fuel whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.[Title 17 CCR 93115]

3.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93115]

4.This unit 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, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.
[Title 17 CCR 93115]

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 five (5) 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 of each use and hours of operation with documentation of how many hours are spent for emergency operation, including what classified the operation as emergency, and how many hours are spent for non-emergency operation, including what classified the operation as non-emergency. [17 CCR 93115.10(f)]; and,
- b. Monthly and calendar year operation in terms of total hours, both emergency and non-emergency use, classified as described in a. above [17 CCR 93115.10(f)]; and,
- c. Monthly fuel use [17 CCR 93115.10(f)]; and,
- d. Fuel sulfur concentration as required by condition 2 (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
- e. Maintenance performed on this equipment.

6.This unit 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.
[Title 17 CCR 93115]

7.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.
[Title 17 CCR 93115.6(b)(1)]

8.The owner/operator shall not operate this stationary emergency standby diesel-fueled IC engine for non-emergency use, including maintenance and testing, between the hours of 7:30 AM and 3:30 PM on days when the school is in session, if located within 500 feet of the outer boundary of a school (K-12).
[Title 17 CCR 93115.6]

9.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines Title 17 CCR 93115. In the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern.
[District Rule 204]

10.The facility must submit accurate emissions inventory data 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]