



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

E009749

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: MAY 2026

OWNER OF OPERATOR (Co.#457)

Victor Valley Community College District
18422 Bear Valley Road
Victorville, CA 92392

EQUIPMENT LOCATION (Fac.#1127)

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Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR (GYMNASIUM) consisting of: Year of Manufacture: 2006, tier 2, USEPA Family Name 6JDXL06.8039. Stack is 6 feet high and 4 inches in diameter. Note: Engine is NOT Subject To Subpart ZZZZ as this facility is categorized as "Institutional". Equipment Elevation is 2829 feet above sea level.

One John Deere, Diesel fired internal combustion engine Model No. 4045HF275H and Serial No. PE4045H585616, Direct Injected, Other, Other, Turbo Charged, Electronic Control Module, Smoke Puff Limiter, Charge Air Cooler, producing 157 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 8.0 gal/hr. This equipment powers a Kohler Generator Model No. 100REOZJC and Serial No. 2109859, rated at 100 kw.

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 0.75 | gm/bhp-hr |
| NOx | 4.42 | gm/bhp-hr |
| PM10 | 0.14 | gm/bhp-hr |
| VOC | 0.19 | gm/bhp-hr |

CONDITIONS:

Fee Schedule: 7 (g) Rating: 1 device SIC: 8221 SCC: 20100102 Location/UTM(Km): 473E/3820N

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

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 shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 1302]

2.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. [17 CCR 93115 - Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines]

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

4.Engine 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]

5.This unit shall be limited to emergency use only, 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 50 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 50 hour per year limit. [17 CCR 93115]

6.The o/o shall maintain a 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. Date of each use and duration of each use (in hours);
- b. Record(s) of engine maintenance;
- c. Reason for use (testing & maintenance, emergency, required emission testing);
- d. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- e. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log). [17 CCR 93115]

7.This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115) and these permit conditions. In the event of conflict between these conditions and the aforementioned regulation, the more stringent requirements shall govern. [District Rule 1302]

8.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. [17 CCR 93115]

9.This genset is only to be used to provide emergency power the Gymnasium located in the "Lower Campus" on Mojave Fish Hatchery Road. When not in use the genset may be stored elsewhere on campus property, such as the maintenance yard. [District Rule 1302]

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]