



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

E007848

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: JUNE 2026

OWNER OF OPERATOR (Co. #1328)

Lowe's Companies, Inc
1000 Lowes Blvd.
 Mooresville, NC 28117

EQUIPMENT LOCATION (Fac. #2313)

Lowe's Store # 1001
14333 Bear Valley Road
Victorville, CA 92392

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: A certified Tier 1 engine, EPA Family YDDXL31.8VRE, manufactured in 2000 with no exhaust after-treatment device installed.

One Detroit, Diesel fired internal combustion engine Model No. R0838K36 and Serial No. 5312000602, Turbo Charged, producing 765 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 25.0 gal/hr. This equipment powers a Kohler Generator Model No. and Serial No. 121868, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.12	gm/bhp-hr
NOx	4.77	gm/bhp-hr
PM10	1.49	gm/bhp-hr
SOx	1.49	gm/bhp-hr
VOC	0.04	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 5999

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.

Lowe's Companies, Inc
1000 Lowes Blvd.

Mooresville, NC 28117

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

1. This existing, diesel engine, and any associated air pollution control 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 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 definition of CARB Diesel Fuel per 93115.4(a)(8), or an alternative fuel that meets the requirements of 17 CCR 93115.5(a) and (b).

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 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(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 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. 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).

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).

Per this exemption, this existing commercial emergency stationary RICE located at an area source of HAP emissions shall not operate, nor contractually obligate to be available, for more than 15 hours per calendar year for the purposes specified below:

- a. Operation for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies, or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.
- b. Operation for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

Additionally, per this exemption, this existing commercial emergency stationary RICE located at an area source of HAP emissions shall not operate for non-emergency use as part of a financial arrangement with another entity.

Upon loss of this definition and/or exemption, immediate compliance with 40 CFR 63, Subpart ZZZZ - National Emission Standards for

Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (NESHAP) is required.

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

10. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.