



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

E009367

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: DECEMBER 2024

OWNER OF OPERATOR (Co.#632)

LA City DWP
PO Box 51111, Room 1213
Los Angeles, CA 90051-5700

EQUIPMENT LOCATION (Fac.#1295)

LA City DWP (InterMtn) - Aster Rd
16800 Aster Road
Adelanto, CA 92301

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Manufacture 2005, Tier 2, USEPA Family Name 4CEXL0661AAD.

One Cummins, Diesel fired internal combustion engine Model No. QSM11-G2 and Serial No. 35137211, Block # 855865, Turbo Charged, After Cooled, producing 470 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 21.0 gal/hr. This equipment powers a Cummins Generator Model No. DQAF and Serial No. S089133-01, rated at 300 kW.

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 1.0 | gm/bhp-hr |
| NOx | 5.04 | gm/bhp-hr |
| NOx+NMHC | 5.3 | gm/bhp-hr |
| PM10 | 0.14 | gm/bhp-hr |
| SOx | 0.005 | gm/bhp-hr |
| VOC | .26 | gm/bhp-hr |

CONDITIONS:

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

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4911

SCC: 20100102

Location/UTM(Km):
460E/3824N

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.

LA City DWP
Attn: Katherine Rubin

Los Angeles, CA 90051-0100

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

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 25 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).

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 institutional emergency stationary RICE pursuant to 40 CFR 63, Subpart ZZZZ. Furthermore, this existing institutional emergency stationary RICE is exempt from 40 CFR 63, Subpart ZZZZ per 63.6585(f)(3).

Per this exemption, this existing institutional 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 institutional 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. If this equipment is located at or near a school, this equipment shall not operate for non-emergency use, including maintenance and testing, during the following periods:
(a) Whenever there is a school sponsored activity; or,
(b) Between 7:30 a.m. and 3:30 p.m. on days when school is in session.

[17 CCR 93115.6(b)(2)]

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

11. 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]