



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

E011156

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JULY 2019

OWNER OF OPERATOR (Co.#46)

Victorville, City of
14343 Civic Drive
Victorville, CA 92392-2399

EQUIPMENT LOCATION (Fac.#3069)

Victorville SCLA Central Treatment Facility
So 1/2 Sec 14, T6N R5W
Victorville, CA 92392

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Mfg. 2005, USEPA Tier 1, Engine Family Name 5CPXL15.8ERK, CARB E.O. # U-R-001-0274

One Caterpillar, Diesel fired internal combustion engine Model No. 3456 and Serial No. 3PG01632, Direct Injected, Turbo Charged, producing 772 bhp with 16 cylinders at 1800 rpm while consuming a maximum of 36.0 gal/hr. This equipment powers a Caterpillar Generator Model No. LC6 and Serial No. G6B00553, rated at 579 kW.

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 0.45 | gm/bhp-hr |
| NOx | 6.1 | gm/bhp-hr |
| PM10 | 0.045 | gm/bhp-hr |
| SOx | 0.005 | gm/bhp-hr |
| VOC | 0.08 | 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 shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 201 and 40 CFR 63.6625(e)]

Fee Schedule: 7 (g)

Rating: 772 device

SIC: 4952

SCC: 20100102

Location/UTM(Km): 466E/3830N

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.

Victorville, City of
Public Works - Fleet Division

Victorville, CA 92392-2399

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

2.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. [40 CFR 63.6625(f) and 17 CCR 93115]

3.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. [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 CCR93115]

5.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 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 CCR93115]

6.The o/o shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of two (2) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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. Reason for use (testing & maintenance, emergency, required emission testing);
 - c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
 - d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
- [17CCR93115 and 40CFR63.6655(e)]

7.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]

8.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115) and 40 CFR Part 63, Subpart ZZZZ (NESHAP). In the event of conflict between these conditions and the ATCM or NESHAP, the more stringent requirements shall govern.