



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

B005161

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: OCTOBER 1998**

### **OWNER OF OPERATOR (Co.#970)**

Lockheed Martin Aeronautics Co.  
1011 Lockheed Way  
Palmdale, CA 93599

### **EQUIPMENT LOCATION (Fac.#1883)**

Lockheed - Edwards AFB  
X-33 Site Haystack Butte  
Edwards AFB, CA 93524

#### **Description:**

LAUNCH SITE DIESEL GENERATOR consisting of: Detroit Diesel Model No. 1000RODZ, 24 cylinder, 1550 bhp @ 1800 rpm diesel IC engine which is part of a Kohler Power System. This IC engine is direct injected, turbo-charged, after cooled and the ignition is retarded. The engine uses a maximum of 74.7 gal/hr at 1800 rpm. The powered unit is a Model NO. 1000RODZ 7M4044 4-Pole, Rotating Field TR II-series generator rated at 1250 kVA @ 60 Hz (1000 kW(e)).

One Detroit Diesel, fired internal combustion engine Model No. and Serial No., producing bhp with cylinders at rpm while consuming a maximum of. This equipment powers a Model No. and Serial No., rated at.

#### **CONDITIONS:**

1. The owner/operator, (o/o), shall log the starting and stopping times of the operational periods of this generator, to the nearest minute, and the date.
2. The o/o shall use only diesel fuel whose sulfur concentration is less than or equal to 0.05% by weight.
3. The o/o shall log all purchases of diesel fuel including the volume (or weight), date received and the sulfur content. The o/o may use the supplier's furnished certification of sulfur content if the certifications are maintained on file as a part of the log.
4. The operations and fuel logs shall be maintained current, on-site for a minimum of two years and provided to District personnel on request.

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9661

SCC: 20100102

Location/UTM(Km): 445E/3855N

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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1011 Lockheed Way  
  
Palmdale, CA 93599

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

5.The o/o is limited to operating this generator to no more than 924 hr/year, calculated as a rolling 52 week average.

6.This equipment shall not exceed the following emission limits:

- a. 0.15 gm/bhp-hr of VOC; and
- b. 0.15 gm/bhp-hr of NOx.

7.The o/o shall conduct biennial compliance tests of this generator in strict accord with the MDAQMD Compliance Test Procedural Manual, commencing in the year 2000. The test results shall be submitted to the MDAQMD no later than six (6) weeks prior to the expiration date of this permit in the year that testing is required.

8.Not later than 180 days after initial operation of this generator the o/o shall conduct an initial compliance test in strict accord with the MDAQMD Compliance Test Procedural Manual. The test results shall be submitted to the MDAQMD not later than 60 days after completion of the initial compliance test.

9.The total quantity of NOx emitted from this facility shall not exceed 25 tons in any 12 calendar month period.