



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

**B012496**

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: OCTOBER 2020**

### **OWNER OF OPERATOR (Co.#1535)**

Boeing Company - Victorville Ops  
18200 Phantom West, Ste 678-2  
Victorville, CA 92394-7911

### **EQUIPMENT LOCATION (Fac.#2607)**

Boeing - Victorville  
18200 Phantom West, Ste 678-2  
Victorville, CA 92394-7911

#### **Description:**

DIESEL IC ENGINE, PORTABLE GROUND POWER UNIT consisting of: Year of Manufacturer 2008, Tier 3, USEPA Family Name 8CEXL027AAG.

One Cummins, Diesel fired internal combustion engine Model No. QSB4.5 and Serial No. 73129812, Charge Air Cooler, Direct Injected, Electronic Control Module, Turbo Charged, producing 155 bhp with 4 cylinders at 2000 rpm while consuming a maximum of 5.3 gal/hr. This equipment powers a Hobart Ground Power Unit Model No. 90CU420 and Serial No. TBD, rated at 72 kW(e).

#### **EMISSIONS RATES**

| Emission Type | Est. Max Load | Unit      |
|---------------|---------------|-----------|
| CO            | 0.67          | gm/bhp-hr |
| NOx           | 2.0           | gm/bhp-hr |
| PM10          | 0.097         | gm/bhp-hr |
| SOx           | 0.0046        | gm/bhp-hr |
| VOC           | 0.106         | gm/bhp-hr |

#### **CONDITIONS:**

1. This equipment shall be installed, operated and maintained in strict accordance 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.

Fee Schedule: 1 (b)

Rating: 155 bhp

SIC: 3721

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.

Boeing Company - Victorville Ops  
4000 Lakewood Blvd.

Long Beach, CA 90808

By: **COPY**  
**Brad Poiriez**  
Executive Director

[District Rule 1302]

2. 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) per CARB Diesel or equivalent requirements; or alternative diesel fuel or CARB diesel fuel utilizing fuel additives that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.

[Title 17 CCR 93116.3(a)]

3. This engine and its associated equipment cannot be operated at the same location (footprint) for more than 365 consecutive days. This system must be moved for a valid business purpose annually.

[Title 17 CCR 93116.2(bb)] [District Rules 1302, 1303, and 1320]

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

[Title 17 CCR 93116.4(c)(2)(A)]

5. This facility is currently designated as a Small Fleet as defined in 17 CCR 93116, therefore this engine cannot be operated within the District on or after 01/01/2023. In the event additional portable diesel engines are permitted by the facility that raise the total combined bhp rating of all portable engines exceeds 750 bhp, then the facility will be classified as a Large Fleet and the engine will not be able to operate within the District on or after 01/01/2022.

[17 CCR 93116.2(a)(17) and 17 CCR 93116.3(c)(1)(a)]

6. The owner/operator shall maintain an 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. Records of all repairs, maintenance, and testing;
- b. Monthly operation in terms of fuel consumption (in gallons) or total hours;
- c. Twelve consecutive month operation in terms of fuel consumption (in gallons) or total hours; and,
- d. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)]

7. The only GPUs authorized to operate at this facility are the following District permitted GPUs: B008751, B012496, and B013800.

[District Rules 1302 and 1320]

8. This engine shall not operate for more than 600 hours in any consecutive 12-month period.

[District Rules 1302 and 1320]

9. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.

[Title 17 CCR 93116, 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]