



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

B012333

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: FEBRUARY 2025

OWNER OF OPERATOR (Co.#1247)

The Boeing Company, Attn: EHS
1500 E Ave M, M/C 841-PL01
Palmdale, CA 93550

EQUIPMENT LOCATION (Fac.#2154)

US Air Force Plant 42 - Boeing
1500 E Avenue M
Palmdale, CA 93550

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: 2006, Tier 2, Certified, USEPA Family Name 6CEXL0359AAD

One Cummins, Diesel fired internal combustion engine Model No. QSB5.9 and Serial No. 46832243, Direct Injected, Turbo Charged, Electronic Control Module, producing 155 bhp with 6 cylinders at 2200 rpm while consuming a maximum of 8.3 gal/hr. This equipment powers a Generator Model No. and Serial No. , rated at .

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.75	gm/bhp-hr
NOx	2.69	gm/bhp-hr
PM10	0.11	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.14	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.

Fee Schedule: ED (N/A)

Rating: 1 Engine

SIC: 4581

SCC: 20100102

Location/UTM(Km):
400E/3835N

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.

The Boeing Company, Attn: EHS
1500 E Ave M
Palmdale, CA 93550

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

2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)
3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% or 15 ppm on a weight per weight basis per CARB Diesel or equivalent requirements. (Title 17 CCR Section 93116.3(a))
4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
5. The o/o shall maintain an operations log for this unit 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 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).
6. This engine shall be operated no more than 13 hours in any calendar day (24 hour period). (AVAQMD Rule 1303, BACT limit)
7. The fleet* under control of this o/o is subject to and shall comply with the weighted Diesel Particulate Matter (DPM) emission fleet averages** expressed as grams per brake horsepower-hour (g/bhp-hr) of Title 17 CCR Section 93116.3(c) & (d) by the following dates:
- // Compliance Date // Weighted DPM (g/bhp-hr)
January 1, 2013 // 0.3
January 1, 2017 // 0.18
January 1, 2020 // 0.04
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- * Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).
- ** The method used to calculate the Fleet Average is found in Title 13 CCR 93116.3(d).
8. The o/o of this unit must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr) and other required information, see Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7) for the following compliance statement submittal dates:
- // Weighted DPM Emission Fleet Average Effective Date // Submit Report by
January 1, 2017 // March 1, 2017
January 1, 2020 // March 1, 2020
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9. This unit is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.