



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013833

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2021

OWNER OF OPERATOR (Co. #2590)

Delta Air Lines, Inc.
1020 Delta Blvd, A2 Bldg, Floor 5, Dept 885
Atlanta, GA 30354

EQUIPMENT LOCATION (Fac. #4012)

Delta Air Lines, Inc.
18438 Readiness Street
Victorville, CA 92394

Description:

DIESEL IC ENGINE, PORTABLE GROUND POWER UNIT consisting of: Year of Manufacture 2000, EPA Tier 1, Engine Family YCEXL0359ABA, CARB EO U-R-002-0390. For purposes of the Portable ATCM, this company has elected to comply with the weighted PM emission fleet average standard, and this engine is registered in the CA PERP under registration number 145350. Stack data; Height (feet) 7 Diameter (feet) 0.5 Temperature (F) 837 Flow rate (ACFM) 1,166.00

One Cummins, Diesel fired internal combustion engine Model No. B5.9C and Serial No. 46002832, Turbo Charged, Charge Air Cooler, producing 200 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 11.1 gal/hr. This equipment powers a Cummins Ground Power Unit Model No. TBD and Serial No. TBD, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.60	gm/bhp-hr
NOx	6.6	gm/bhp-hr
PM10	0.13	gm/bhp-hr
PM2.5	0.13	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.30	gm/bhp-hr

CONDITIONS:

1. This certified portable diesel internal combustion engine 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

Fee Schedule: 1 (b) Rating: 200 bhp SIC: 4512 SCC: 20100102 Location/UTM(Km): 464E/3828N

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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885
Atlanta, GA 30354

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

with the application for this permit.
[District Rule 1302]

2.This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days, excluding time spent at a designated storage site when the engine is not in use. This engine must be moved within this facility or to another facility annually for a valid operational reason.
[Title 17 CCR 93116.2(a)(29)]

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; 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)]

4.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[District Rule 1302(C)(2)(a) and Title 17 CCR 93116]

5.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. Date of each use, location of each use (decimal degrees, xx.xxxxx;-yyy.yyyyy) and duration of each use (in hours);
 - b. Reason for use (regular use, testing & maintenance, emergency use, required emission testing);
 - c. Monthly and consecutive 12 month period hours of operation (in hours);
 - d. Calendar year operation in terms of fuel consumption (in gallons) or total hours (to assist in CEI data collection);
 - e. Description of all repairs and/or maintenance actions on emission control systems; and,
 - f. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
- [District Rule 1302(C)(2)(a)]

6.Pursuant to Title 17 CCR 93116.3(c)(2), for large fleets that elect not to comply with section 93116.3(c)(1), the fleet must comply with the following weighted PM emission fleet averages expressed as grams per brake horsepower-hour (g/bhp-hr) by the listed compliance dates:

// Compliance Date // Weighted DPM (g/bhp-hr)

January 1, 2020 // 0.10

January 1, 2023 // 0.06

January 1, 2027 // 0.03

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7.In order to comply with weighted PM emission fleet average option in section 93116.3(c)(2), as outlined in condition 6, the responsible official for a large fleet must submit a written request to the Executive Officer of the California Air Resources Board, no later than June 30, 2019. At a minimum, the written request will include a listing of each engine in the fleet including registration number, serial number, maximum rated bhp, and engine family name. A copy of this submission must be provided to the District upon request.
[Title 17 CCR 93116.3(c)(2)(B)]

8.For large fleets electing to comply with the weighted PM emission fleet average provision of section 93116.3(c)(2), as outlined in condition 6, the Responsible Official must provide a signed Statement of Compliance to the Executive Officer of the California Air Resources Board, stating that the fleet standards are being achieved and including a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr). Portable engines included in the fleet are those that are part of the fleet at the time the fleet standard became effective. The engine identification must include, at a minimum, registration number, bhp rating, engine family name, serial number, and year of manufacture for each engine. Alternative-fueled engines must be identified by fuel type. The statements of compliance are due to the Executive Officer at the following times:

- a. Upon application to add an engine to the fleet for any Tier 1 engine, Tier 2 engine, Tier 3 engine, including flexibility engines built to those standards;
- b. Upon a request to remove a Tier 4 interim engine or a Tier 4 final engine from a fleet, except for engine dealers and rental businesses;
- c. March 1, 2020, for the fleet standards that become effective January 1, 2020;

- d. March 1, 2023, for the fleet standards that become effective January 1, 2023; and
- e. March 1, 2027 for the fleet standards that become effective January 1, 2027.

The details pertaining to the contents of these Statement of Compliance reports are outlined in Title 17 CCR 93116.4. Copies of these Compliance Statements must be provided to the District upon request.

[Title 17 93116.4]

9.This unit shall not operate within 1000 feet of the outer boundary of any K-12 school for more than 45 days. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met.

[District Rule 1302 and H&S Code 42301.6]

10.The fleet of portable diesel engines under control of this owner/operator are 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.

[Title 17 CCR 93116]

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]

12.This engine shall not operate more than 8 hours in any one calendar day.

[District Rule 1303]