MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B013519

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: SEPTEMBER 2022

OWNER OF OPERATOR (Co.#1584)

ComAV Technical Services LLC
18438 Readiness Street
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#2675)

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Victorville, CA 92394

Description:
DIESEL IC ENGINE, PORTABLE GROUND POWER UNIT (GPU) consisting of: A certified Tier 4f diesel-fueled engine manufactured in 2018, USEPA Family JCEXL06.7AAK, equipped with factory-installed emission control devices. Exhaust flow is approximately 1307 ACFM at 990 degrees Fahrenheit. This engine is also registered in the CA PERP under registration number 175303. Facility Elevation is 2879 feet above sea level.

One Cummins, Diesel fired internal combustion engine Model No. QSB6.7 and Serial No. 73995110, Ammonia Oxidation Catalyst, Charge Air Cooler, Compression-Ignited, Direct Injected, Diesel Oxidation Catalyst, Electronic Control Module, Selective Catalytic Reduction, Selective Catalytic Reduction, producing 225 bhp with 6 cylinders at 2000 rpm while consuming a maximum of 10.7 gal/hr. This equipment powers a TLD America Ground Power Unit Model No. GPU-4140-E-CUP and Serial No. TBD, rated at 140 kVA.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.03	gm/bhp-hr
NOx	0.127	gm/bhp-hr
PM10	0.015	gm/bhp-hr
PM2.5	0.015	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.015	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (c) | Rating: 225 bhp | SIC: 4581 | 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.

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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

UNOFFICIAL

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.
[District Rule 1302(C)(2)(a)]

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)]
Note: Use of CARB Certified ULSD fuel satisfies this requirement.

3. This engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. (This system must be moved for a valid business purpose annually.)
[District Rules 1302, 1303, and 1320 and Title 17 CCR 93116.2(a)(29)]

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 Regulation XIII - NSR; Title 17 CCR 93116.4(c)(2)(A)]

5. This engine shall not operate for more than 4,000 hours in any consecutive 12 month period.Before this limitation can be increased, the facility is required to submit to the District an application to modify the permit, which may trigger BACT review and may necessitate a Health Risk Assessment (HRA). In addition, public notice and/or a commenting period may be required.
[District Rules 1302, 1303, and 1320]

6. This engine shall not be operated unless all of the following emission control systems are properly functioning:
a. Diesel Oxidation Catalyst
b. Electronic Control Module
c. Exhaust Gas Recirculation System
d. Selective Catalytic Reduction (Urea) System; and
e. Ammonia Oxidation Catalyst System

Furthermore, no changes shall be made to any of the above systems unless done so by a factory certified technician.
[District Rule 1302]

7. 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, location, and duration of each use (in hours);
b. Monthly and consecutive 12 month period hour meter readings, including the dates of all monthly readings;
c. Date of each maintenance action or repair on any equipment noted in Condition #6;
d. Description of each maintenance action or repair on any equipment noted in Condition #6; and,
e. Fuel sulfur concentration as required by condition #2 (you may use the supplier's certification of sulfur content if it is maintained as part of this log).
[District Regulation XIII - NSR]

8. 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.
[District Rule 1302 and Title 17 CCR 93116]

9. This engine may be relocated throughout the Southern California Logistics Airport (SCLA) in support of operations without prior notification being sent to the District, but shall not be used within 1000 meters of any K-12 school, residence, hospital, or other sensitive receptor location. Sensitive receptor locations include, but are not limited to, hospitals, schools, and day care centers, and such other locations as the District board or California Air Resources Board may determine.
[District Rule 204 and H&S Code 42705.5(a)(5)]

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]