



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

TERMINATED

B014248

Terminated type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2022

OWNER OF OPERATOR (Co.#2715)

Safe Ride Carriers
11338 Burbank Blvd.
North Hollywood, CA 91601

EQUIPMENT LOCATION (Fac.#4134)

Safe Ride Carriers - Various Locations
7178 Cascade Ave
Oak Hills, CA 92344

Description:

DIESEL IC ENGINE, PORTABLE* GENERATOR consisting of: A certified Tier 4f diesel engine, USEPA Family KKHXL3.36TDS, manufactured in 2019 and equipped with factory-installed emission control. *Please note, this equipment may be operated at various locations in the District, however emissions comply with the stationary requirements of 17 CCR 93115 and 40 CFR 60, Subpart IIII.

One Kohler, Diesel fired internal combustion engine Model No. KDI 3404 TCR/22N and Serial No. 1958625, Direct Injected, Electronic Control Module, Diesel Oxidation Catalyst, Selective Catalytic Reduction, Selective Catalytic Reduction, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Turbo Charged, Ammonia Oxidation Catalyst, producing 108.6 bhp with 4 cylinders at 2200 rpm while consuming a maximum of 4.61 gal/hr. This equipment powers a Leroy Somer Generator Model No. LSA 44.3S3 and Serial No. TBD, rated at 81 kW.

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 0.022 | gm/bhp-hr |
| NOx | 0.22 | gm/bhp-hr |
| PM10 | 0.007 | gm/bhp-hr |
| PM2.5 | 0.007 | gm/bhp-hr |
| SOx | 0.004 | gm/bhp-hr |
| VOC | 0.030 | gm/bhp-hr |

CONDITIONS:

1. This certified Tier 4 Final compression-ignited internal combustion engine and its associated emission control systems shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound

Fee Schedule: 1 (b) Rating: 108.6 bhp SIC: 7359 SCC: 20200102 Location/UTM(Km): 467E/3804N

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**
Brad Poiriez
Air Pollution Control Officer

engineering principles which produce the minimum emissions of air 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; 40 CFR 60.4211(a)]

2.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. Ammonia Oxidation Catalyst System;
- d. Turbocharger;
- e. Selective Catalytic Reduction (SCR) System; and
- f. Exhaust Gas Recirculation System;

Furthermore, no changes shall be made to any of the above systems unless done so by a factory certified technician.
[District Rule 1302; 40 CFR 60.4211]

3.This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:

- a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,
- b. A cetane index or aromatic content, as follows:
 1. A minimum cetane index of 40; or,
 2. A maximum aromatic content of 35 volume percent.

[17 CCR 93115.5(a) and 40 CFR 80.510(c)]

Note: Use of CARB certified ULSD fuel satisfies the above requirements.

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 1160; Title 17 CCR 93115.10(d)]

5.The owner/operator shall conduct quarterly inspections on this engine, including any testing, maintenance, and/or other procedures that ensure the Internal Combustion Engine is operated in strict accordance with the manufacturer's specifications and in continual compliance with the provisions of District Rule 1160.

[District Rule 1160]

6.The owner/operator shall maintain an operations log for this engine 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 following information:

- a. Date, location (address and/or latitude/longitude), and duration of each use;
- b. Quarterly total hours of operation within the Mojave Desert AQMD on a calendar quarter basis;
- c. Quarterly total fuel use within the Mojave Desert AQMD on a calendar quarter basis;
- d. Date of each maintenance action or repair on any equipment noted in Condition #2;
- e. Description of each maintenance action or repair on any equipment noted in Condition #2;
- f. Date of quarterly inspection as required by Condition #5;
- g. Fuel sulfur concentration as required by Condition #3 (you may use the supplier's certification of sulfur content if it is maintained as part of this log); and
- h. Calendar year operating hours as determined by the installed hour meter (to assist in CEI calculations).

[District Rules 1160, 1302 and 1320; Title 17 CCR 93115]

7.The combined usage of engines under permits B014247, B014248 and B014249 shall not exceed 750 hours in any consecutive twelve month period.

[District Rules 1302 and 1320]

8.This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.

[District Rule 1302]

9.This equipment is a possible source of hazardous emissions and shall not be operated and/or located within 1,000 feet of a public or private school (kindergarten through 12th grade).
[District Rule 1302 and 1320; H&S Code 42301.6]

10.No other internal combustion engine greater than 50 bhp stored on-site or maintained at this facility shall operate without first obtaining a permit from the Mojave Desert AQMD.
[District Rules 201, 203, 1302, and 1320]

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]