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

RENEWAL

E012567

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#87)

Commanding Officer, MCLB Barstow, CA
Box 110570 Bldg 196 Attn: Air Program Manager
Barstow, CA 92311-5050

EQUIPMENT LOCATION (Fac.#1177)

USMC MCLB - Nebo Annex
USMC Logistics Base
Barstow, CA 923115013

Description:
DIESEL IC ENGINE, PORTABLE EMERGENCY GENERATOR consisting of: A certified Tier 4f Diesel Engine, EPA Family FSZXL05.2RXB and CARB Executive Order U-R-006-0407, manufactured in 2015 with factory-installed exhaust after-treatment devices. Elevation: 2125 feet above MSL

One Isuzu, Diesel fired internal combustion engine Model No. BR-4HK1X and Serial No. 4HK1-73385215FH04, After Cooled, Ammonia Oxidation Catalyst, Compression-Ignited, DEF Dosing System, Direct Injected, Diesel Oxidation Catalyst, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Selective Catalytic Reduction, Selective Catalytic Reduction, Turbo Charged, producing 150 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 7.11 gal/hr. This equipment powers a Multiquip (Whisperwatt) Generator Model No. DCA-125SSIU4F and Serial No. 7511174, rated at 100 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.10	gm/bhp-hr
NOx	0.12	gm/bhp-hr
PM10	0.02	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.01	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 9711 | SCC: 20100102 | Location/UTM(Km): 505E/3859N

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.

Commanding Officer, MCLB Barstow, CA
Box 110570 Attn: Air Program Manager
Barstow, CA 92311-5050

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

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 with the application for this permit.
[17 CCR 93116, District Rule 204]

2. This diesel 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 within this facility or moved to another facility annually for a valid operational reason.This engine and its associated equipment can operate at the Yermo Annex and Nebo Annex provided that it is operated in a "portable" manner compliant with these conditions and the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater.
[17 CCR 93116]

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.
[17 CCR 93116]

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

5. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 50 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 50 hour per year limit.
[17 CCR Section 93116.2]

6. 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, per hour timer);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption in gallons or 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).
[Title 17 CCR 93116, District Rule 204]

7. The owner/operator shall not operate this emergency standby diesel-fueled CI engine for non-emergency use, including maintenance and testing, if the engine is located on school grounds whenever there is a school-sponsored activity and/or if the engine is located within 500 feet of school grounds between 7:30 a.m. and 3:30 p.m. on days when school is in session.
[Title 17 CCR 93116, District Rule 204]

8. This engine is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.
[Title 17 CCR 93116, District Rule 204]

9. 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]