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

RENEWAL

E012340

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.#587)

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

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR (BLDG 580) consisting of: A certified Tier III diesel engine producing 530 bhp, EPA Family EFPXL12.9IGR, manufactured in 2014 with no exhaust after-treatment device installed. Exhaust flow is 2988 ACFM at 1076 degrees Fahrenheit: Facility Elevation is 1964 ft above MSL.

One Iveco/FPT, Diesel fired internal combustion engine Model No. F3BE9685A-E and Serial No. E003-231547, After Cooled, Compression-Ignited, Direct Injected, Electronic Control Module, Turbo Charged, producing 530 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 27 gal/hr. This equipment powers a Generac Generator Model No. SD350KG17129D18HPYY3 and Serial No. 9255372, rated at 350 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.60	gm/bhp-hr
NOx+NMHC	2.80	gm/bhp-hr
PM10	0.13	gm/bhp-hr
SOx	.005	gm/bhp-hr

CONDITIONS:

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

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 9711 | SCC: 20100102 | Location/UTM(Km): 512E/3861N

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

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noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 1302(B)(1)(a); 40 CFR 60.4211]

2. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93115.10(d); 40 CFR 60.4209]

3. This engine 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.
Note: Use of CARB certified ULSD fuel satisfies the above requirements.
[17 CCR 93115.5(a) and 40 CFR 80.510(b)]

4. This unit shall be limited to emergency use only, 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 rolling consecutive twelve month period for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 50 hour rolling annual limit.
STATE AND DISTRICT ENFORCEABLE ONLY
[District Rule 1302(B)(1)(a); 17 CCR 93115.6(b)]

5. This unit shall be limited to emergency use only, as defined in 40 CFR 60.4219. In addition, this unit shall be operated no more than 100 hours per rolling consecutive twelve month period for testing and maintenance, including compliance source testing.
[District Rule 1302(B)(1)(a); 40 CFR 60.4211(f)]

6. 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 and duration of each use (in hours per hour meter);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons or total hours);
d. Records of all maintenance and inspections; and,
e. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).
[District Rule 1302(B)(1)(a); 17 CCR 93115.10(f); 40 CFR 70.6(a)(3)(ii)(b), 40 CFR 60.4214]

7. This unit shall not be used to provide power during a voluntarily agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.
[District Rule 1302(B)(1)(a); 17 CCR 93115.6(a); 40 CFR 60.4211 and 60.4219]

8. This engine may operate in response to notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.
[District Rule 1302(B)(1)(a); 17 CCR 93115.6(a)]

9. 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.
[District Rule 1302(B)(1)(a)]

10. A facility wide Comprehensive Emission Inventory Report (CEIR) 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]