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

RENEWAL

B013074

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#86)

MAGTFTC MCAGCC
Box 788110, Bldg 1418
Twentynine Palms, CA 92278-8110

EQUIPMENT LOCATION (Fac.#3247)

USMC AGCC - USMC Facilities
Box 788110, Bldg. 1451
Twentynine Palms, CA 92278

Description:
DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: a model year 2017, Tier 4F, portable generator set to be used at various locations throughout the base for primary purpose of powering a portable chiller unit, but can also be used for other electrical power demands. Engine Family HSZXL15.7QXB, CARB EO U-R-006-0444.Gen Set SN: 3926872, Gen Set Model #: DCA-400SSI4F Stack Data; Temp; 968 F Flow; 1635 cfm

One ISUZU, Diesel fired internal combustion engine Model No. BQ-6WG1X and Serial No. 626931, Ammonia Oxidation Catalyst, Charge Air Cooler, Diesel Exhaust Fluid (DEF) Tank, Direct Injected, Diesel Oxidation Catalyst, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Selective Catalytic Reduction, Selective Catalytic Reduction, Turbo Charged, producing 512 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 22.5 gal/hr. This equipment powers a MQ Power Generator Model No. DF-4400I and Serial No. 765320, rated at 320 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.00	gm/bhp-hr
NOx	0.111	gm/bhp-hr
PM10	0.014	gm/bhp-hr
PM2.5	0.014	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.014	gm/bhp-hr

Fee Schedule: 1 (c) | Rating: 512 bhp | SIC: 9711 | SCC: 20100102 | Location/UTM(Km): 587E/3788N

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.

MAGTFTC MCAGCC
Box 788110, Building 1418

Twentynine Palms, CA 92278-8110

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

CONDITIONS:

1. This certified diesel fired internal combustion engine shall be installed, operated and maintained in strict accord 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 204 and 1302]

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. Exhaust Gas Recirculation System;
d. Selective Catalytic Reduction (SCR) 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]

3. 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 where the engine can NOT be used for emergency use. (This generator must be moved to another facility annually for a valid operational reason.)
[17 CCR 93116]

4. 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)]

5. 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]

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, 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)]

7. 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]

8. 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]

9. In each calendar year, the actual emissions of this facility shall be less than 20 tons NOx, 20 tons VOC, and 12 tons PM10 (SM80 Emission Rate). The owner/operator shall demonstrate compliance with this limit on an annual basis through the submission of the Comprehensive Emission Inventory Report (CEIR) to the District. Copies of the CEIR(s) must be kept and maintained on-site for at least

five years and presented to District personnel upon request.
[District Rule 221; District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]