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

INACTIVE

E009198

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2024

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:
NATURAL GAS IC ENGINE, EMERGENCY GENERATOR (BLDG 3850) consisting of: Ocotillo Lift Station Site:

One Ford, NG fired internal combustion engine Model No. ESG642 and Serial No. 04UK30043, After Cooled, Direct Injected, Turbo Charged, producing 67 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 576.0 scf/hr. This equipment powers a Olympian Generator Model No. G40F3 and Serial No. OLY00000ENFS01977, rated at 50 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	7.9	gm/bhp-hr
NOx	12.1	gm/bhp-hr
VOC	0.7	gm/bhp-hr

CONDITIONS:

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
[District Rule 204]

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 9711 | SCC: 20100202 | 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

2. This equipment 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.
[40 CFR Subsection 63.6625(e),40 CFR Subsection 63.6605]

3. This engine shall be fired on natural gas with use of propane fuel (LPG) as a backup fuel.
[District Rule 204 and 431]

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[40 CFR Subsection 63.6625(f)]

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 100 hours per year for testing and maintenance.
[Rule 204; 40 CFR Subsection 63.6640(f)(1)(ii)]

6. The owner/operator shall maintain a log for this unit, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District personnel on request:
a. Date of each use;
b. Reason for use (testing and maintenance, emergency, required emission testing);
c. Duration of each use, in hours;
d. Fuel consumed during each calendar year, in scf, and total hours; and
e. Maintenance records.
[Rule 204; 40 CFR Subsection 63.6655]

7. The owner/operator must meet the following requirements:
a. Change oil and filter every 500 hours of operation or annually, whichever comes first. The owner/operator may utilize an oil analysis program as described in 63.6625(i) in order to extend this requirement;
b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first;
c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; and
d. Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
[40 CFR Subsection 63.6603, table 2d]

8. 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.
[40 CFR Subsection 63.6640 (f)(1)(ii)]

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]