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

INACTIVE

E008365

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2013

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 (BLDG 1130) consisting of: Year of Mfg 2000. This engine is a Tier 2; Family Number YKLXLDC1; Certification EO #; U-R-005-0039

One Komatsu, Diesel fired internal combustion engine Model No. SA6D125E-2 and Serial No. 85806, After Cooled, Direct Injected, Ignition Retarded, Turbo Charged, producing 406 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 17.0 gal/hr. This equipment powers a Denyo MQ Power Generator Model No. DF3300K and Serial No. 3705203, rated at 300 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.4	gm/bhp-hr
NOx	5.6	gm/bhp-hr
PM10	0.2	gm/bhp-hr
VOC	0.3	gm/bhp-hr

CONDITIONS:

1. 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. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

Fee Schedule: 7 (g) | Rating: 1 device | 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
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Twentynine Palms, CA 92278-8110

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)

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. (Title 17 CCR Section 93116.3(a))

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

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 30 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 30 hour per year limit.

6. Prior to January 1, 2020 this emergency Tier 2 engine must comply with one of the following: (a) the portable diesel-fueled engine is certified to Tier 4 emission standards for newly manufactured nonroad engines; or (b) the portable diesel-fueled engine is equipped with a properly functioning level-3 verified technology; or (c) the portable diesel-fueled engine is equipped with a combination of verified emission control strategies that have been verified together to achieve at least 85% reduction in diesel PM emissions.

7. The o/o shall maintain a 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);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons) and 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).
e. Location of device; shall NOT be in the same location for more than 365 consecutive days.

8. The fleet under control of this o/o is subject to and shall comply with the weighted PM emission fleet averages expressed as grams per brake horsepower-hour (g/bhp-hr) by the listed compliance dates in Title 17 CCR Section 93116.3(c).

Fleet Standard Compliance
Date Engines <175 hp Engines >175 to 749 hp Engines >750 hp)
(g/bhp-hr) (g/bhp-hr) (g/bhp-hr
1/1/2013 0.3 0.15 0.25
1/1/2017 0.18 0.08 0.08
1/1/2020 0.04 0.02 0.02

Fleet is defined in Title 17 CCR Section 93116.2(16).
NOTE; Emergency use or low use are not included as part of the Fleet.

9. The o/o and/or Responsible Official of a fleet electing to use electrification in determining the fleet average shall submit the report required by Title 17 CCR 93116.4(c)(3) by January 1, 2012.

10. The o/o shall not operate this engine for non-emergency use, including maintenance and testing, during school hours or whenever there is a school-sponsored activity, if located within the boundary of a school (K-12).

11. The o/o shall not operate this engine for non-emergency use, including maintenance and testing between the hours of 7:30 AM and 3:30 PM on days when the school is in session, if located within 500 feet of the outer boundary of a school (K-12).

12. This unit is 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 requirements of the ATCM shall govern.

13. This facility shall comply with District Rule 222-Limitations on Potential to Emit. Compliance with this rule will be demonstrated to the District on an annual basis through the submission of an approved Comprehensive Emission Inventory Report (CEIR). A copy of the most recent CEIR shall be maintained on-site and presented to District personnel upon request.

14. This equipment is subject to the provisions of 40 CFR part 63 Subpart ZZZZ (RICE NESHAP), specifically those requirements found in Table 2d.