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

INACTIVE

B009759

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2012

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, PRIME GENERATOR (BLDG 1451) consisting of: Year of Mfg 2005, Certified Tier II Engine, CARB Executive Order U-R-004-0207, Family 5JDXL06.8038YYY. Equipped with Particulate Trap: Johnson Matthey Model CRTL-NEI-CS-6, Serial US080103-11M, CARB EO # DE-08-008

One John Deere, Diesel fired internal combustion engine Model No. 6068HF275L and Serial No. PE6068H625605, After Cooled, Turbo Charged, producing 220 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 10.0 gal/hr. This equipment powers a Wacker Generator Model No. G160 and Serial No. 5695681, rated at 160 kVA.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.45	gm/bhp-hr
NOx	3.675	gm/bhp-hr
PM10	0.135	gm/bhp-hr
VOC	0.75	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: 1 (c) | Rating: 224 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.

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By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

2. 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. (17 CCR \S93115(e)(1)(A))

3. 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 \S93115(e)(4)(G)1.)

4. 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, with records kept on-site for two (2) years, and 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. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
c. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

5. The Diesel Particulate Matter emission from this diesel ICE has complied with the following control option as required by the appropriate compliance date in either Conditions 7 or 8:

Option 1. 85% reduction in emissions from baseline levels. (17 CCR \S93115(e)(1)(D)1.a.)

6. The hydrocarbon (HC), oxides of nitrogen (NOX), non-methane hydrocarbons plus NOX (NMHC+NOx) and carbon monoxide (CO) emissions from this diesel ICE has complied with the following emission option as required by the compliance date in either Conditions 7 or 8 (this is a Certified Tier II Engine)

Option 2. Emissions standards for off-road engines of the same model year and rated power as specified in 13 CCR \S2423 or 'Tier 1' standards if no such standards exist. (17 CCR \S93115(e)(2)(D)2.a.)

7. Owner/Operators of 3 or fewer diesel fueled ICEs within the District must comply with applicable requirements by the following dates:
Pre 1989 - 1989 model year engines comply by. 1/1/2006 (17 CCR (f)(2)(A))
1990 - 1995 model year comply by 1/1/2007. (17 CCR \S93115(f)(2)(B))
1996 - 2004 model year comply by 1/1/2008. (17 CCR \S93115(f)(2)(C))
[Note: 2005 engines are considered 'new'. (17 CCR \S193115(g)(2))]

8. Owner/Operators of 4 or more diesel fueled ICEs within the District must comply with applicable requirements with the following percentage of engines by the following dates:
Pre 1989 - 1989 model year engines:
50% of engines comply by 1/1/2007
70% of engines comply by 1/1/2008
100% of engines comply by 1/1/2009
1990 - 1995 model year engines:
30% of engines comply by 1/1/2007
60% of engines comply by 1/1/2008
100% of engines comply by 1/1/2009
1996 - 2004 model year engines:
50% of engines comply by 1/1/2008
100% of engines comply by 1/1/2009
[Note: 2005 engines are considered 'new'. (17 CCR \S193115(g)(2))]

9. The owner/operate must submit the required control strategy to District for compliance with emissions limitations 6 months prior to the appropriate compliance date(s) in either Conditions 7 or 8. *. (17 CCR \S93115(e)(4)(A)4.)

10. The owner/operate must submit the required emissions data to District prior to appropriate compliance date(s) in either Conditions 7 or 8 for the engine. (17 CCR \S93115(e)(4)(D))

11. This diesel fired ICE is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115). In the event of conflict between these Conditions and the ATCM, the more stringent requirements shall govern.

12. This Generator shall not operate unless the exhaust is vented through a properly functioning Diesel Particulate trap as described above.

13. This Generator shall not operate for more than eleven (11) hours per calendar day or 4015 hours per calendar year.

14. 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.