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

RENEWAL

B013503

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.#3252)

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

Description:
DIESEL IC ENGINE, PORTABLE WATER PUMP #1 consisting of: Year of Manufacture 2018, EPA Engine Family JPKXL07.0BN1, Tier 4F Stack Data: H.: 5.25' DIA.: 0.33' TEMP.: 916 F ACFM: 932

One Perkins, Diesel fired internal combustion engine Model No. C7.1 and Serial No. 88104135, After Cooled, Ammonia Oxidation Catalyst, Diesel Oxidation Catalyst, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Periodic Trap Oxidizer, Selective Catalytic Reduction, Selective Catalytic Reduction, Turbo Charged, producing 225 bhp with 6 cylinders at 2200 rpm while consuming a maximum of 12 gal/hr. This equipment powers a Godwin Pump Model No. 8DS0A11GPV6-150 and Serial No. 17642258/01, 90017559, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.969	gm/bhp-hr
NOx	0.201	gm/bhp-hr
PM10	0.0015	gm/bhp-hr
PM2.5	0.0015	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.007	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (c) | Rating: 225 bhp | SIC: 9711 | SCC: 20200102 | 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

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. (This system must be moved for a valid business purpose within this facility or moved to another facility annually.)
[Title 17 CCR 93116.2(bb)]

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) 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.
[Title 17 CCR 93116.4(c)(2)(A)]

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);
b. Location of use, to demonstrate that this equipment meets the requirements of 17 CCR 93116.2(bb);
c. Calendar year operation in terms of fuel consumption (in gallons) or total hours;
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); and
e. Records of any corrective action taken after digital engine monitoring has notified the owner or operator of malfunction.
[Title 17 CCR 93116.4(c)]

7. This portable equipment shall not be operated and/or located within 1000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 45 consecutive days without completing the notification required by Health and Safety Code 42301.6.

8. The fleet of portable diesel IC engines under control of this o/o is subject to and shall comply with the requirements of the Portable Diesel ATCM (Title 17 CCR 93116).

9. In every twelve (12) month period (rolling 12-month sum), the actual emissions of this facility shall be less than 20 tons NOx, 20 tons VOC, and 12 tons PM10. The o/o shall demonstrate compliance with this limit on an annual basis through the submission of a process statement (as defined in Rule 222) to the District. The o/o may substitute a Comprehensive Emission Inventory Report (CEIR) for the process statement when the CEIR includes all items of a process statement (including 12 month rolling emission sum.)
[District Rule 221; District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]