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

# RENEWAL

E012426

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.#3245)

USMC AGCC - USN Naval Hospital
Box 788110, Bldg. 1451
Twentynine Palms, CA 92278

**Description:**
DIESEL IC ENGINE, EMERGENCY GENERATOR (#1) consisting of: Year of Mfg. 2015, EPA Engine Family FCPXL32.0NZS, EPA Tier 2. Stack data: Vertical stack 8 ft H x 0.66 ft diameter, exhaust temperature 889.5 F, rate 8065.3 CFM.

One Caterpillar, Diesel fired internal combustion engine Model No. C32 and Serial No. PRH05568, After Cooled, Electronic Control Module, Turbo Charged, producing 1474 bhp with 12 cylinders at 1800 rpm while consuming a maximum of 71.9 gal/hr. This equipment powers a Caterpillar Generator Model No. SR5 and Serial No. G1B01601, rated at 1000kW.

### EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---|---|---|
| CO | 0.78 | gm/bhp-hr |
| NOx | 4.14 | gm/bhp-hr |
| PM10 | 0.08 | gm/bhp-hr |
| SOx | 0.005 | gm/bhp-hr |
| VOC | 0.10 | gm/bhp-hr |

## CONDITIONS:

1. This certified EPA Tier 2 stationary engine shall be installed, operated and maintained according to the manufacturer's emission-related written instructions. Further, the owner/operator shall change only those emission-related settings that are permitted by the manufacturer. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted

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
Box 788110, Building 1418

Twentynine Palms, CA 92278-8110

By: **COPY**
Brad Poiriez
Executive Director

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with the application for this permit. [40 CFR Part 60 Subparts 60.4205, and 60.4211]

2. 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 93115]

3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements. [17 CCR 93115; 60.4207(b); District Rule 431]

4. This unit shall be limited to use for emergency power, defined as in response to a fire or flood, or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 50 hours per year for testing and maintenance. [17 CCR 93115; 40 CFR 60.4211(f)]

5. 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. Reason for use (testing & maintenance, emergency, required emission testing, etc.);
c. Monthly and calendar year operation in terms of fuel consumption (in gallons) and/or total hours [17 CCR 93115]; 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) [17CCR 93115].

6. This 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.

7. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier. [17 CCR 93115]

8. This unit shall be operated and maintained so as to meet the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR Section 93115) and Standards of Performance for Stationary Compression Ignition Internal Combustion Engine (40 CFR Part 60, Subpart IIII ).