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

RENEWAL

E007919

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#84)

NTC - Public Works
Bldg 602, 5th Street
Fort Irwin, CA 92310

EQUIPMENT LOCATION (Fac.#2340)

Barstow - Daggett Heliport
39500 National Trails Hwy
Daggett, CA 92327

Description:
DIESEL IC ENGINE, EMERGENCY FIRE PUMP (UNIT #3, BLDG# BD022) consisting of: An uncertified (Tier 0) Diesel Engine manufactured prior to 1996 with no exhaust after-treatment device installed. This engine drives a Peerless model 6AH14Q fire pump rated at 2000 gallons per minute.

One Allison, Diesel fired internal combustion engine Model No. PDFP06RY-L12120F and Serial No. U721242F, After Cooled, Compression-Ignited, Direct Injected, Turbo Charged, producing 185 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 9.1 gal/hr. This equipment powers a Peerless Fire Pump Model No. 6AH14Q and Serial No. 531107C, rated at 2000 GPM.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance 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. [40 CFR 63.6640(a) and Table 6; Rule 204]

2. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93115.10(d); 40 CFR 63.6625(f)]

3. This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:

Fee Schedule: 7 (g)	Rating: 1 device	SIC: 9711	SCC: 20200102	Location/UTM(Km): 519E/3856N

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.

NTC - Public Works
Attn: Air Resources Manager

Fort Irwin, CA 92310

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,
b. A cetane index or aromatic content, as follows:
1. A minimum cetane index of 40; or,
2. A maximum aromatic content of 35 volume percent.
[17 CCR 93115.5(a) and 40 CFR 80.510(b)]
Note: Use of CARB certified ULSD fuel satisfies the above requirements.

4. This unit shall be limited to emergency use only, defined as in response to a fire or in response to a drop in firemain pressure. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance unless NFPA 25 (current edition) authorizes additional time: If the 20 hour limit is exceeded, the owner/operator must have the authorizing section of NFPA 25 available for review at all times. Time required for source testing will not be counted toward the 20 hour per year limit.
[17 CCR 93115.6(b)]

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 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 per hour meter);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons) or total hours;
d. Records of all required maintenance and inspections listed in condition #9 and,
e. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).
[17 CCR 93115.10(f)]

6. The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
[40 CFR 63.6625(h)]

7. This engine is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines Title 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ (RICE NESHAPs).
[Rule 204]

8. The owner/operator shall conduct inspections in accordance with the following schedule. All inspections must occur at least annually regardless of operating hours.
a. Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil change analysis program to extend oil change frequencies per the requirements in 40 CFR 63.6625(i);
b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
The District must be notified within 5 working days of any exceedance of these maintenance intervals, noting the duration, cause, and corrective actions taken.
[40 CFR 63.6630(a), Table 2d, 40 CFR 63.6640(b), and 40 CFR 63.6650(d)]

9. This engine may operate in response to notification of an 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.
[17 CCR 93115.6(b)]

10. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.
[District Rule 204]