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

PERMIT TO OPERATE

E010193

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: JANUARY 2027

OWNER OF OPERATOR (Co.#871)

Victorville, City of - Water District
14343 Civic Drive
Victorville, CA 92392

EQUIPMENT LOCATION (Fac.#2263)

VVWD - Various Locations
District Wide
MDAQMD, CA 92392

Description:
DIESEL IC ENGINE, PORTABLE EMERGENCY WATER PUMP consisting of: A certified Tier 2 engine, manufactured in 2006 with no exhaust after-treatment device installed. Equipment will be stored, maintained, and tested at VVWD Maintenance Yard - West, 10028 6th St., Victorville, CA, at an elevation of 3443 feet above sea level.

One Perkins, Diesel fired internal combustion engine Model No. 2177/2200 and Serial No. RJ51157, After Cooled, Direct Injected, Turbo Charged, producing 127.4 bhp with 6 cylinders at 2200 rpm while consuming a maximum of 5.0 gal/hr. This equipment powers a TBD Pump Model No. TBD and Serial No. TBD, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	5.0	gm/bhp-hr
NOx	6.6	gm/bhp-hr
PM10	0.3	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 4941 | SCC: 20100102 | Location/UTM(Km): 473E/3820N

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.

Victorville, City of - Water District
Public Works - Fleet Division

Victorville, CA 92392-2399

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

1. This certified portable diesel internal combustion engine 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.
[District Rule 1302]

2. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days, excluding time spent at a designated storage site where the engine can NOT be used for emergency use. This generator must be moved to another facility, or within this facility, annually for a valid operational reason.
[Title 17 CCR 93116]

3. 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; 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)]

4. 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(b)(2)(A)]

5. This engine has been designated as "emergency" pursuant to Title 17 CCR 93116 and is therefore exempt from the fleet requirements of sections 93116.3(c)(1) and 93116.3(c)(2) pursuant to section 93116.3(c)(3)(B). In order to maintain this designation, this engine is 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 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.

In the event that this engine exceeds the allowed hours of operation in a calendar year it becomes immediately subject to the requirements of section 93116.3(c)(1) or (c)(2) in the year such exceedence or use occurs. The responsible official (owner/operator) must submit a request to convert the engine to regular use, subject to the limitations of section 93116.3(c)(6).
[Title 17 CCR 93116.2(a)(23) and 9.3116.3(c)(3)and(5)]

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) calendar 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 and duration of each use (in hours);
b. Reason for each use (testing and maintenance, emergency, required emission testing);
c. Monthly and rolling 12 month (defined as 12 consecutive months prior to the current day) operating hour log readings as determined by the installed hour meter;
d. Calendar year operating hours as determined by the installed hour meter or fuel consumption (in standard cubic feet or gallons) to assist in CEI calculations;
e. Records of all maintenance and repair actions performed on the engine and any emissions control equipment;
f. Records of fuel sulfur content (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
g. Date, operating location coordinates, distance from school, and duration of all engine operation conducted within 1,000 feet of a school to demonstrate compliance with Condition 8. Applicable to well sites W128, W134, W136, and all other locations of operation within 1,000 feet of a school.
[District Rule 204; District Rule 1160(D)(2); 17 CCR 93115.10(f)]

7. This USEPA Tier 2 certified engine may not be sold, or offered for sale, to an end user in California on or after January 1, 2023. The sale of engines for resale outside of California is not prohibited.
[Title 17 CCR 93116.3(e)]

8. This unit shall not operate within 1,000 feet of the outer boundary of any K-12 school for more 45 days per calendar year. Such operation will require the submittal of an application for a revised permit to operate to the District so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met, including Public Noticing.

[District Rule 1302(C)(7) - Noticing Requirements; H&S Code 42301.6]

9. This engine 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 more stringent shall govern.
[Title 17 CCR 93116, District Rule 204]

10. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; 40 CFR 51, Subpart A]