



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

E013445

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: JUNE 2024

OWNER OF OPERATOR (Co. #2370)

Hi-Desert Water District
55439 Twentynine Palms Highway
Yucca Valley, CA 92284

EQUIPMENT LOCATION (Fac. #3913)

Hi-Desert Wastewater Reclamation - Paxton Road
57950 Paxton Road
Yucca Valley, CA 92284

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: A Certified Tier 3 diesel engine, USEPA Family KCPXL08.8NZS, manufactured in 2019. Exhaust flow is approximately 2246 acfm at 852 degrees Fahrenheit through an 8.5 foot high by 6 inch diameter stack. Equipment elevation is 3203 feet above sea level.

One Caterpillar, Diesel fired internal combustion engine Model No. C9 ACERT and Serial No. S9P02134, producing 398 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 19.4 gal/hr. This equipment powers a Caterpillar Generator Model No. C9 and Serial No. G5A10887, rated at 250 kW(e).

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 0.4 | gm/bhp-hr |
| NOx | 2.9 | gm/bhp-hr |
| PM10 | 0.10 | gm/bhp-hr |
| PM2.5 | 0.10 | gm/bhp-hr |
| SOx | 0.005 | gm/bhp-hr |
| VOC | 0.10 | gm/bhp-hr |

CONDITIONS:

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4952

SCC: 20100102

Location/UTM(Km):
557E/3776N

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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55439 Twentynine Palms Highway
Yucca Valley, CA 92284

By: **COPY**
Brad Poiriez
Air Pollution Control Officer