



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

E011432

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: FEBRUARY 2016

OWNER OF OPERATOR (Co.#834)

Joshua Basin Water District
PO Box 675
Joshua Tree, CA 92252

EQUIPMENT LOCATION (Fac.#3339)

Joshua Basin WD - 6601 White Feather
6601 White Feather Road
Joshua Tree, CA 92252

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Mfg 2009, USEPA Family Name 9JDXL03.0113, Tier III, stack height TBD', stack diameter TBD", exhaust flow rate of 423 cubic feet per minute at 1066 degrees Fahrenheit

One John Deere, Diesel fired internal combustion engine Model No. 4024HF285B and Serial No. TBD, After Cooled, Direct Injected, Turbo Charged, producing 80 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 22.0 gal/hr. This equipment powers a Kohler Generator Model No. 50REOZJD and Serial No. TBD, rated at 60 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.275	gm/bhp-hr
NOx	2.6138	gm/bhp-hr
PM10	1.575	gm/bhp-hr
SOx	0.0249	gm/bhp-hr
VOC	0.4613	gm/bhp-hr

CONDITIONS:

1. This certified, stationary, compression-ignited, internal combustion engine and control devices 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.

[40 CFR 60.4211(a) - Subpart IIII - NSPS for Stationary Compression Ignition ICE]

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4941

SCC: 20100102

Location/UTM(Km): 365E/3777N

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

- 2.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, ATCM for Stationary Compression Engines and 40 CFR 80.510, Standards and Marker Requirements for NRLM diesel fuel]
- 3.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, ATCM for Stationary Compression Engines and 40 CFR 60.4209(a), Subpart IIII - NSPS for Stationary Compression Ignition ICE]
- 4.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.
[17 CCR 93115, ATCM for Stationary Compression Engines]
- 5.This unit shall be 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 50 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 50 hour per year limit.
[17 CCR 93115, ATCM for Stationary Compression Engines and 40 CFR 60.4211(e), Subpart IIII - NSPS for Stationary Compression Ignition ICE]
- 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 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);
 - b. Reason for use (testing & maintenance, emergency, required emission testing);
 - c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; 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).
- [17 CCR 93115, ATCM for Stationary Compression Engines]
- 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, ATCM for Stationary Compression Engines]
- 8.This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.