



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

RENEWAL

E012982

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2025

OWNER OF OPERATOR (Co. #2574)

Jess Ranch Health Care
11959 Apple Valley Rd.
Apple Valley, CA 92308

EQUIPMENT LOCATION (Fac. #3785)

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Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Mfg. 1991, Tier 0. This IC engine is not subject to the RICE NESHAP as it is used at an institutional establishment [40 CFR 63.6585(f)(3)]. Exhaust data; Height: 7 feet Temp: 950 F Flow: 924 CFM Flow: 675 CFM

One Cummins, Diesel fired internal combustion engine Model No. 6BT5.9-G1 and Serial No. 44571996, producing 135 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 7.4 gal/hr. This equipment powers an Onan Generator Model No. 80DGDA 40416F and Serial No. B910369927, rated at 80 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.8	gm/bhp-hr
NOx	10.8	gm/bhp-hr
PM10	0.25	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.8	gm/bhp-hr

CONDITIONS:

1. This existing, diesel engine 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. [District Rule 204]

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 8062

SCC: 20100102

Location/UTM(Km): 473E/3965N

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.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this equipment to indicate elapsed engine operating time.

[17 CCR 93115.10(d)]

3.This engine shall only be fired on CARB certified ULSD fuel, verified through fuel purchase records or fuel MSDS.

[17 CCR 93115.5(b)]

4.This equipment 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 30 hours per year for testing and maintenance.

[District Rule 1160; 17 CCR 93115.6(b)(3)]

5.The owner or operator shall keep records and prepare a monthly summary that shall list and document the nature of use for each of the following:

- a. Emergency use hours of operation;
- b. Maintenance and testing hours of operation;
- c. Hours of operation for all uses other than those specified above;
- d. Fuel purchase records; and,
- e. Maintenance performed on this equipment.

[17 CCR 93115.10(f)]

6.The owner/operator shall maintain all records for this equipment on-site and current for a minimum of 36 months, and said records shall be provided to District personnel on request.

7.This equipment 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 93115.6(b)(1)]

8.This equipment 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 93115.6(c)(2)(C)]

9.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, and 40 CFR 51, Subpart A]