



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013282

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2019

OWNER OF OPERATOR (Co. #1418)

Sheep Creek Water Company
PO Box 291820
Phelan, CA 92329-1820

EQUIPMENT LOCATION (Fac. #3880)

Sheep Creek Water Co. - Walnut
4625 Walnut Road
Phelan, CA 92371

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: A certified Tier 3 diesel engine, EPA Family ACEXL019AAD, manufactured in 2015 with no after-exhaust emission control devices installed. Exhaust flow is approximately 2914 ACFM at 888 degrees Fahrenheit. This unit is also a registered PERP unit, Registration Number 170715:

One Cummins, Diesel fired internal combustion engine Model No. QSM11-G4 and Serial No. 35333504, Charge Air Cooler, Compression-Ignited, Direct Injected, Turbo Charged, Electronic Control Module, producing 470 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 22.8 gal/hr. This equipment powers a Cummins Power Generation Generator Model No. C300D6R-1502490 and Serial No. E150826385, rated at 300 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.42	gm/bhp-hr
NOx+NMHC	2.83	gm/bhp-hr
PM10	0.097	gm/bhp-hr
PM2.5	0.097	gm/bhp-hr
SOx	0.005	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (c) Rating: 470 bhp SIC: 4931 SCC: 20100102 Location/UTM(Km): 448E/3809N

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

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. [District Rule 1302]

2.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) 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)]

3.This engine shall not operate for more than 9 hours per day nor more than a total of 1,404 hours while operating within 200 meters of the location noted on this permit without prior written authorization from the District. Furthermore, this engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. (This system must be moved for a valid business purpose annually.)
[Title 17 CCR 93116.2(bb)] [District Rules 1302, 1303, and 1320]

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(c)(2)(A)]

5.This engine shall not operate within the state of California on or after January 1, 2025.
[17 CCR 93116]

6.The o/o shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of five (5) 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 (Regular use, testing & maintenance, emergency, required emission testing);
 - c. Calendar year operation in terms of fuel consumption (in gallons) or 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).
- [Title 17 CCR 93116.4(c)]

7.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.
[Title 17 CCR 93116, District Rule 1302]

8.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]