



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013311

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2019

OWNER OF OPERATOR (Co.#2482)

Zohnson & Co.
4195 Chino Hills Parkway, #171
Chino Hills, CA 91709

EQUIPMENT LOCATION (Fac.#3876)

Zohnson & Co.
17277 Columbus Street
Adelanto, CA 92301

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR (CANNABIS) consisting of: Date of Manufacture 5/2017, Model Year 2017, EPA Tier 2 Flex, EPA Engine Family ACEXL060.AAD, CARB E.O. U-R-002-0523-1. Engine nameplate HP 755 (Standby). No exhaust after treatment installed. Stack Data: H: 21.74 ft

One Cummins, Diesel fired internal combustion engine Model No. QSX15-G9 and Serial No. 79984742, Turbo Charged, After Cooled, producing 680 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 31.1 gal/hr. This equipment powers a Doosan Generator Model No. G570 and Serial No. 79984742, rated at 456 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.6	gm/bhp-hr
NOx	4.6	gm/bhp-hr
NOx+NMHC	4.8	gm/bhp-hr
PM10	0.15	gm/bhp-hr
PM2.5	0.15	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.2	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (c)

Rating: 680 bhp

SIC: 2833

SCC: 20100102

Location/UTM(Km):
459E/3825N

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**
Eldon Heaston
Air Pollution Control Officer

1. This EPA Tier 2 Flex compression-ignited 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 air 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]

2. 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)]

3. This diesel ICE 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 within this facility or moved to another facility annually.)
[Title 17 CCR 93116.2(a)(29)]

4. 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.
Note: Use of CARB ULSD satisfies this requirement.
[Title 17 CCR 93116.3(a)]

5. This engine shall not consume more than 128.2 gallons of diesel fuel per day, verified by records of fuel added daily or fuel consumed daily (generator data logger).
[Daily NOx PTE Limitation to less than District Rule 1303 BACT threshold]

6. This EPA Tier 2 flexibility engine shall not operate past December 31, 2034.
[Title 17 CCR 93116.3(c)]

Additionally this EPA Tier 2 flexibility engine cannot be sold or offered for sale to an end user in California after December 31, 2034. The sale of engines for resale outside of California is not prohibited.
[Title 17 CCR 93116.3(e)]

7. 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) years, and this log shall be provided to District, State and Federal personnel upon request. The requested records must be provided to the appropriate personnel within ten business days of the 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. Daily and annual operation in terms of fuel consumption (in gallons) and total hours; and,
d. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).
f. Location of operation, in latitude/longitude, accurate to 5 decimal places.
[District Rule 1302; 1320; Title 17 CCR 93116.4]

8. This unit shall not operate within a 1000 feet of the outer boundary of any K-12 school. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met.
[H&S Code 42301.6; District Rule 1302(C)(2)(a)]

9. This engine is subject to the requirements of Title 17 CCR 93116, the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater. In the event of a conflict between these conditions and the ATCM, the more stringent requirements shall govern.
[District Rule 1302; Title 17 CCR 93116]

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, and 40 CFR 51, Subpart A]