



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013663

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2020

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 (BLDG. A - CULTIVATION) consisting of: Model year 2013 Tier 4i EPA Engine Family BCEXL06.7AAF, equipped with a factory installed DPF.

One Cummins, Diesel fired internal combustion engine Model No. QSB7G6 and Serial No. TBD, Turbo Charged, Exhaust Gas Recirculation, Diesel Particulate Filter, Exhaust Gas Recirculation, producing 231 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 7.51 gal/hr. This equipment powers a Aggreko Generator Model No. GHP and Serial No. TBD, rated at 200 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.63	gm/bhp-hr
NOx	1.5	gm/bhp-hr
PM10	0.015	gm/bhp-hr
PM2.5	0.015	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.14	gm/bhp-hr

CONDITIONS:

1. This diesel ICE and its associated equipment cannot be operated at this facility after December 31, 2020.
[Title 17 CCR 93116.2(a)(29)]

Fee Schedule: 1 (c)

Rating: 282 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.

<p>Zohnson & Co. 4195 Chino Hills Parkway, #171 Chino Hills, CA 91709</p>

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

2. This nonroad Tier 4i 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]

3. The Diesel Particulate Filter shall be installed with a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached.
[District Rule 1302; Derived from 17 CCR 93115.10(d)(2)]

4. This engine shall not be operated unless all of the following emission control systems are properly functioning:
a. Exhaust Gas Recirculation System; and
b. Diesel Particulate Filter system.
Furthermore, no changes shall be made to any of the above systems unless done so by a factory certified technician, or as allowed with prior APCO written permission.
[District Rule 1302]

5. 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)]

6. 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.
[Title 17 CCR 93116.3(a)]

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 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, Monthly 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(c)]

8. 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 or NSPS, the more stringent requirements shall govern.
[District Rule 1302; Title 17 CCR 93116]

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]