



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013247

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2019

OWNER OF OPERATOR (Co.#1913)

Riverside County Information Technology - PSEC
7195 Alessandro Blvd.
Riverside, CA 92506

EQUIPMENT LOCATION (Fac.#3853)

Riverside, County of (Black Jack)
26500 Arlington Mine Road
Desert Center, CA 92239

Description:

DIESEL IC ENGINE, GENERATOR consisting of: Year of Mfg. 2011, EPA Family BJDXL03.0113, EPA Tier 3

One John Deere, Diesel fired internal combustion engine Model No. 4024HF285B and Serial No. PE4024L041662, Turbo Charged, After Cooled, producing 80 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 2.5 gal/hr. This equipment powers a Generac Generator Model No. 13453160100 and Serial No. TBD, rated at 27 KW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.80	gm/bhp-hr
NOx	3.04	gm/bhp-hr
PM10	0.15	gm/bhp-hr
SOx	0.00	gm/bhp-hr
VOC	0.16	gm/bhp-hr

CONDITIONS:

1. This certified stationary compression-ignited internal combustion engine and its associated emission control systems 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.

[40 CFR 60.4211(a)]

Fee Schedule: 1 (b)

Rating: 80 bhp

SIC: 4813

SCC: 20100102

Location/UTM(Km):
697E/3744N

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.

Riverside County Information Technology
- PSEC
Attn: Fiscal

Riverside, CA 92506

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

2. This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:

- (a) Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,
- (b) A cetane index or aromatic content, as follows:
 - i. A minimum cetane index of 40; or,
 - ii. A maximum aromatic content of 35 volume percent.

Note: Use of CARB certified ULSD fuel satisfies the above requirements.

[17 CCR 93115.5(a), 40 CFR 80.510, and 40 CFR 60.4207(b)]

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 93115.10(d)(1) and 40 CFR 60.4209(a)]

4. 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) Calendar year operation in terms of total hours; and,
- (b) Fuel sulfur concentration (may use the fuel supplier's certification of sulfur content if it is maintained as part of this log).
- (c) Date of each maintenance action or repair;
- (d) Description of each maintenance action or repair;
- (e) Results of any source testing conducted on the engine.

[17 CCR 93115.10(a)(3)(C) and (D)]

5. No later than December 21, 2018, the o/o shall conduct a PM-10 source test to show that the diesel engine subject to this permit emits no more than 0.0225 g/bhp-hr. The test shall be performed in accordance with the MDAQMD Compliance Test Procedural Manual.

6. The o/o shall conduct all required emissions testing in accordance with a District-approved test protocol. A minimum of Thirty (30) days prior to the test the operator shall provide a written test protocol for District review and approval. Written notice of the compliance/certification test shall be provided to the District ten (10) days prior to the tests so that an observer may be present. A written report with the results of the emissions tests shall be submitted to the District within forty-five (45) days after testing.

7. This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern. [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]