



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B012505

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: FEBRUARY 2017**

**OWNER OF OPERATOR (Co.#2259)**

B & N Metals  
9882 Buckwheat Road  
Pinon Hills, CA 92372

**EQUIPMENT LOCATION (Fac.#3622)**

B & N Metals  
9882 Buckwheat Road  
Pinon Hills, CA 92372

**Description:**

DIESEL IC ENGINE, GENERATOR consisting of: Year of Manufacturer 2012, Tier 4i, USEPA Family Name CJDXL06.8210.

One John Deere, Diesel fired internal combustion engine Model No. 4045HFG93AB and Serial No. PE4045R022074, Direct Injected, Turbo Charged, After Cooled, Exhaust Gas Recirculation, Exhaust Gas Recirculation, producing 166 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 7 gal/hr. This equipment powers a Multiquip Generator Model No. DCA-125SSJU41 and Serial No. 7501153, rated at 50-150 kVA.

**EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	0.070	gm/bhp-hr
NOx	2.31	gm/bhp-hr
PM10	0.007	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.140	gm/bhp-hr

**CONDITIONS:**

1. This certified, stationary, compression-ignited, internal combustion engine and control devices must be installed, operated and maintained in strict accord with those recommendations of the manufacturer 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.

Fee Schedule: 1 (b)

Rating: 166 bhp

SIC: 3341

SCC: 20200102

Location/UTM(Km):  
455E/3805N

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.

B & N Metals  
10773 Hollister Road  
Oak Hills, CA 92344

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

[40 CFR 60.4211(a)]

2. This equipment must 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, equal to 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.

[17 CCR 93115.5(a) and 40 CFR 60.4207 and CARB Executive Order DE-07-001-05]

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

3. A non-resettable four-digit (9,999) hour timer must 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. This engine must not be operated more than 13 hours per day, and no more than 2000 hours per year. [District Rule 1320]

5. The owner/operator must maintain a operations log for this unit, current and on-site (or at a central location), for a minimum of five (5) years, and this log must be provided to District, State and Federal personnel upon request. The log must include, at a minimum, the information specified below:

A. Date of each use and duration of each use (in hours);

B. Calendar year operation in terms of total hours [17 CCR 93115.10(a)(3)(D)];

C. Fuel sulfur concentration (may use the fuel supplier's certification of sulfur content if it is maintained as part of this log) [17 CCR 93115.10(a)(3)(C)]; and

D. Maintenance plans and records of conducted maintenance [40 CFR 60.4211(g)(1)].

6. The Particulate Matter (PM), oxides of nitrogen (NO<sub>x</sub>), non-methane hydrocarbons (NMHC), and carbon monoxide (CO) emissions from this engine must comply with the Emission Standards for New Stationary Prime Diesel-Fueled CI Engines pursuant to 17 CCR 93115.7(a).

7. This engine demonstrates compliance with the emission standards of conditions 5 through USEPA's Certificate of Conformity CJDXL04.5211-004.

[17 CCR 93115.13(a)]

8. This equipment is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115) and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (MACT/NSPS).

9. A facility wide Comprehensive Emission Inventory Report (CEIR) 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), Health & Safety Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]