MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B010100

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2019

OWNER OF OPERATOR (Co.#84)

NTC - Public Works
Bldg 602, 5th Street
Fort Irwin, CA 92310

EQUIPMENT LOCATION (Fac.#589)

NTC Training Mission
Bldg. 602, 5th street
Fort Irwin, CA 923105085

Description:
DIESEL IC ENGINE, PORTABLE AIR COMPRESSOR (STORED AT BLDG 621) consisting of: Year of Manufacture 2007; Tier II Engine; CARB EO U-R-028-350; Engine Family: 7YDXL3.32J4T.

One Yanmar, Diesel fired internal combustion engine Model No. 4TNV98T-GGEH and Serial No. 42550, Direct Injected, Electronic Control Module, Turbo Charged, producing 68 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 3.4 gal/hr. This equipment powers a Himoinsa/Stamford Generator Model No. A07E789281 and Serial No. 0227558/041, rated at 42.5 kVA.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.12	gm/bhp-hr
NOx+NMHC	4.25	gm/bhp-hr
PM10	0.14	gm/bhp-hr
SOx	0.005	gm/bhp-hr

CONDITIONS:

1. This certified portable 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.

Fee Schedule: 1 (b) | Rating: 68 bhp | SIC: 9711 | SCC: 20100102 | Location/UTM(Km): 529E/3902N

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.

NTC - Public Works
Attn: Air Resources Manager

Fort Irwin, CA 92310

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

[17 CCR 93116, MDAQMD Rule 204]

2. This engine shall not be operated for more than 2,600 hours in any consecutive 12 month period.
[MDAQMD Rule 1302]

3. This engine shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the District:
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:
1. A minimum cetane index of 40; or,
2. A maximum aromatic content of 35 volume percent.
[17 CCR 93116, MDAQMD Rule 431]
Note: Use of CARB certified ULSD fuel satisfies the above requirements.

4. 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 operational reason within this facility or moved to another facility annually.)
[Title 17 CCR 93116]

5. This engine shall not be located within 1,000 feet of any residence or K-12 school.
[MDAQMD Rules 204 and 1320]

6. The owner/operator shall maintain an operations log for this engine 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 following information:
a. Monthly Hour Meter Readings;
b. Date of each maintenance action or repair;
c. Description of each maintenance action or repair;
d. Fuel sulfur concentration as required by condition #3 (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
e. Results of any source testing conducted on the engine.
[MDAQMD Rule 1302]

7. This engine shall not be operated within the state of California on or after January 1st, 2022.
[Title 17 CCR 93116.3(c)(1)]

8. 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.
[MDAQMD Rule 1302]

9. TA 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]