



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

M010702

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2014

OWNER OF OPERATOR (Co.#450)

Induction Technology Corporation - Adelanto
9924 Rancho Road
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac.#1123)

Induction Technology - Adelanto
9924 Rancho Road
Adelanto, CA 92301

Description:

DIESEL IC ENGINE, PORTABLE (LOW USE) COMPRESSOR consisting of: Y.O.M is unknown, EPA Tier 0. PM emission rate 0.69 g/bhp-hr

One John Deere, Diesel fired internal combustion engine Model No. 4239DF and Serial No. 624584CD, producing 80 bhp with 4 cylinders at 2500 rpm while consuming a maximum of 4.0 gal/hr. This equipment powers a Sullair Compressor Model No. 185 JD and Serial No. NULL, rated at NULL.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.49	gm/bhp-hr
NOx	8.75	gm/bhp-hr
PM10	0.69	gm/bhp-hr
SOx	0.006	gm/bhp-hr
VOC	1.0	gm/bhp-hr

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles, 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: 10 (1b)

Rating: 80 bhp

SIC: 3479

SCC: 20200102

Location/UTM(Km):
463E/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

2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)
3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% or 15 ppm on a weight per weight basis per CARB Diesel or equivalent requirements.
4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
5. This engine shall not be operated for more than 15 hours in any calendar day and not more than 80 hours in any calendar year.
6. The o/o shall maintain a 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. Date of each use and duration of each use (in hours);
 - b. Reason for use (testing & maintenance, emergency, required emission testing);
 - c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
 - d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
7. The o/o of this unit must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr) and other required information, see Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7) for the following compliance statement submittal dates:

Weighted DPM Emission Fleet Average Date Submit by

January 1, 2013 March 1, 2013

January 1, 2017 March 1, 2017

January 1, 2020 March 1, 2020

8. This portable low use diesel-fueled engine shall be removed from service or replaced no later than January 1, 2017 and submit a request to cancel permit or application for authority to construct accordingly. The replacement engine shall be certified to the most stringent of either the federal or California emission standards for the appropriate class and category of nonroad engine in effect at the time of replacement. (Title 17 CCR \S93116 (b)(1)(B))
9. This unit is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements of the ATCM shall govern.