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

# INACTIVE

B010125

Inactive type Permit has no description information.

## EXPIRES LAST DAY OF: NOVEMBER 2009

## 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, PRIME GENERATOR, TACTICAL SUPPORT EQUIPMENT, LOCATED - BLDG KSPN7 consisting of: Yr of Mfg 2007, Tier 2, USEPA Family Name 6JDXL06.8039, CARB Exectuitive EO# U-R-004-0244, date installed 9/15/07 --

One John Deere, Diesel fired internal combustion engine Model No. 4045HF and Serial No. CD4045G069137, producing 165 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 7.0 gal/hr. This equipment powers a Triton Power Generator Model No. XJ100 and Serial No. 337230, rated at 100 kw.

### EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---|---|---|
| CO | 0.75 | gm/bhp-hr |
| HC | 0.46 | gm/bhp-hr |
| NOx | 4.12 | gm/bhp-hr |
| PM10 | 0.2 | gm/bhp-hr |
| VOC | 0.46 | 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: 1 (b) | Rating: 165 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

2. This unit can only be used as "Tactical Support Equipment" as defined in Title 17 CCR 93116.2(a)(36) for Tactical Support Training. Tactical Support Equipment (TSE) means equipment using a portable engine, including turbines, that meets military specifications, owned by the U.S. Department of Defense and/or the U.S. military services or its allies, and used in combat, combat support, combat service support, tactical or relief operations, or training for such operations. Examples include, but are not limited to, engines associated with portable generators, aircraft start carts, heaters and lighting carts.

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

4. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. [Title 17 CCR 93116.2(bb)]

5. This unit shall not be operated in the Mojave Desert AQMD for more than 4,032 hours in any calendar year.

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) a weight per weight basis per CARB Diesel or equivalent requirements.

7. This portable equipment shall not be operated and/or located within 1,000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 30 consecutive days without completing the notification required by Health and Safety Code \S\S 42301.6.

8. The owner/operator (o/o) shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of two (2) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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).