



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B004176

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JULY 2011

OWNER OF OPERATOR (Co.#753)

Crawford Associates
2635 E Chanslorway Ave
Blythe, CA 92225

EQUIPMENT LOCATION (Fac.#1457)

Crawford Associates
7 miles N on Hwy 95 from Chanslorway Facility
Blythe, CA 92225

Description:

DIESEL IC ENGINE, PORTABLE consisting of: Year of Manufacture tbd - Tier 0

One tbd, Diesel fired internal combustion engine Model No. tbd and Serial No. tbd, Turbo Charged, After Cooled, producing 500 bhp with 6 cylinders at rpm while consuming a maximum of . This equipment powers a Cummins Electrical Generator Model No. CC434B and Serial No. tbd, rated at kw.

CONDITIONS:

1. This engine shall not operate at the current (April 28, 2010) footprint (including equipment powered i.e. crushing plant) after May 1, 2010. It can be operated at another footprint through December 31, 2010 only if the MDAQMD receives a written request by June 30, 2010.
2. 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.
3. 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 within this facility or moved to another facility annually.) [Title 17 CCR 93116.2(bb)]
4. 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) on a weight per weight basis per CARB Diesel or equivalent requirements; or alternative diesel fuel or CARB diesel fuel utilizing fuel additives

Fee Schedule: 1 (c)

Rating: 500 bhp

SIC: 1429

SCC: 20100102

Location/UTM(Km):
725E/3273N

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.

Crawford Associates
P.O. Box 807
Blythe, CA 92225

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

that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines. [Title 17 CCR 93116.3(a)]

5. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time by January 1, 2012. [Title 17 CCR 93116.4(c)(2)(A)]

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 five (5) 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 (Regular 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). [Title 17 CCR 93116.4(c)]

7. Prior to January 1, 2010, this portable diesel-fueled engine shall be certified to meet a federal or California standard for newly manufactured nonroad engines pursuant to 40 CFR Part 89 or Title 13 CCR Section 2423 (that is, certified to Tier 1, 2 or 3 nonroad engine standards). Otherwise, use this portable diesel-fueled engine exclusively in emergency applications or portable diesel-fueled engine that qualify as low-use engine (operates 80 hours or less per calendar year) and prior to January 1, 2010, submit a written notification to replacing this engine with a Tier 4 engine within two (2) years of the first engine being offered for sale that satisfies the Tier 4 emission standards. (Tier 4 engines are phased in by horsepower size range beginning in 2013). (Title 17 CCR Section 93116.3 (b)(1))

8. The o/o of this unit must submit a Status Report for the entire fleet* by March 1, 2011. This Status Report should include, but not limited to, the following, for details see Title 17 CCR 93116.4(e)(1):

- a. The fleet's weighted average PM emission rate for the 2010 calendar year,
- b. Inventory of portable engines in the fleet,
- c. Identify, if applicable, each portable diesel-fueled engine that the owner commits to replacing with a Tier 4 engine,
- d. Listing of portable diesel-fueled engines, if applicable, used exclusively in emergency applications,
- e. Listing of portable diesel-fueled engines, if applicable, satisfying the low-use engine requirements,
- f. Listing of portable alternative-fueled engines, if applicable, added to the fleet prior to January 1, 2009, pursuant to section 93116.3(d)(2)(B)2, and
- g. Listing of portable diesel-fueled engine(s) equipped with Selective Catalytic Reduction (SCR) system(s),

* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

9. The o/o and/or Responsible Official of a fleet electing to use electrification in determining the fleet average shall submit the report required by Title 17 CCR 93116.4(c)(3) by January 1, 2012.

10. The fleet* under control of this o/o is subject to and shall comply with the weighted Diesel Particulate Matter (DPM) emission fleet averages** expressed as grams per brake horsepower-hour (g/bhp-hr) of Title 17 CCR Section 93116.3(c) & (d) by the following dates:

Compliance Date Weighted DPM (g/bhp-hr)

January 1, 2013 0.15

January 1, 2017 0.08

January 1, 2020 0.02

* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

** The method used to calculate the Fleet Average is found in Title 17 CCR 93116.3(d).

11. 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

12. 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.

13. The facility must submit a facility wide accurate annual comprehensive emissions inventory data that includes all emissions from permitted, non-permitted and fugitive (roadways, stockpiles, exposed areas, etc.) to the District, in a format approved by the District, on a yearly basis, which is to be received by the District no later than April 30 of each year.

14. 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 requirements of the ATCM shall govern.