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

INACTIVE

B003294

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: OCTOBER 2011

OWNER OF OPERATOR (Co.#90)

Omya (California) Inc
7299 Crystal Creek Road
Lucerne Valley, CA 92356

EQUIPMENT LOCATION (Fac.#461)

Omya - Main Plant
7299 Crystal Creek Road
Lucerne Valley, CA 92356

Description:
IC ENGINE, GENERATOR consisting of: Year of manufacture: 1992, Tier 0

One Caterpillar, Diesel fired internal combustion engine Model No. 3412 and Serial No. 81Z08797, After Cooled, Direct Injected, Turbo Charged, producing 890 bhp with 12 cylinders at 1800 rpm while consuming a maximum of 20.0 gal/hr. This equipment powers a Caterpillar Generator Model No. 9R4 and Serial No. 6PA05487, rated at 600 kW(e).

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. [District Rule 204]

2. This engine shall not be operated for more than 3650 hours per calendar year.

3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15) on a weight per weight basis per CARB Diesel or equivalent requirements. [Title 17 CCR 93115.5(a)]

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. (Title 17 CCR \S93115.10(e)(1))

Fee Schedule: 1 (c)	Rating: 890 bhp	SIC: 1422	SCC: 20100102	Location/UTM(Km): 505E/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.

Omya (California) Inc
7225 Crystal Creek Rd
Lucerne Valley, CA 92356

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

5. The owner/operator (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. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
c. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

6. The Diesel Particulate Matter emission from this diesel ICE must comply with one of the three following options by the appropriate compliance date in either Conditions 8 or 10:
Option 1. 85% reduction in emissions from baseline levels, or
Option 2. 0.01 g/bhp hr. (Title 17 CCR \S93115.7(b)1. - See Table #4)

7. The hydrocarbon (HC), oxides of nitrogen (NOX), non-methane hydrocarbons plus NOX (NMHC+NOx) and carbon monoxide (CO) emissions from this diesel ICE must comply with one of the three following options by the appropriate compliance date in either condition 8 or 10:
Option 1. Use verified emission control strategy,
Option 2. Emissions standards for off-road engines of the same model year and rated power as specified in 13 CCR \S2423 or "Tier 1" standards if no such standards exist, or
Option 3. No more than 10% increase in HC or NOx from baseline or no increase in NMHC+NOx from baseline AND no more than 10% increase in CO from baseline. (Title 17 CCR \S93115.7(b)2. - See Table #4)

8. Since Equipment is remotely located (more than 1 mile from another receptor) and the prioritization score is less than 1.0 and/or the cancer risk is less than 1.0 in a million and the hazard index is less than 0.1 the equipment must comply with Conditions 6 & 7 on or before January 1, 2011. (Title 17 CCR \S93115.3(p))

9. The o/o must notify the District within five (5) days after becoming aware that the exemption in Condition 8 no longer applies. [Title 17 CCR 93115.10(d)(1)]

10. The o/o of this equipment shall demonstrate compliance with the requirements of Conditions 6 and 7 within 180 days of notifying the District or notification from the District of the loss of the exemption of Condition 8 no longer applies. [Title 17 CCR 93115.10(d)(1)(A)]

11. The o/o must submit the required control strategy to the District for compliance with emissions limitation 6 months prior to the appropriate compliance date(s) in either Conditions 8 or 10 for the engine. ([Title 17 CCR 93115.10(a)(4)]

12. The o/o must submit the required emissions data to the District prior to appropriate compliance dates(s) in either Condition 8 or 10 for the engine. ([Title 17 CCR 93115.10(c)(2)]

13. Install backpressure monitor if engine is equipped with Diesel PM filter. (Title 17 CCR \S93115.10(e)(2))

14. This diesel fired ICE is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary compression Ignition Engines. In the event of conflict between these conditions and the ATCM, the most stringent requirements shall govern [Title 17 CCFR 93115 and District Rule204].