



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

C011879

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: AUGUST 2015

OWNER OF OPERATOR (Co.#1976)

The Reynolds Group
520 West 1st Street
Tustin, CA 92780

EQUIPMENT LOCATION (Fac.#3462)

Reynolds Group - Baker
71927 Baker Blvd.
Baker, CA 92309

Description:

SOIL VAPOR EXTRACTION SYSTEM consisting of: Catalytic oxidizer, Intellishare, Model Eco-250, with a platinum monolith type catalyst with 0.5 cubic feet of active catalyst volume. Electrically heated with a fully modulating automatic temperature control system.

CONDITIONS:

1. Operation of this equipment shall be in strict compliance with all the information submitted with the application, for which this permit has been issued, unless specifically exempted herein.
2. The owner/operator (o/o) shall notify the District in writing a minimum of 10 District working days prior to operation of this equipment at each new location in the District. Included with the notification shall be justified VOC contaminant concentrations expected at the new location, and a statement regarding the absence of detectable halogenated hydrocarbons at the new location.
3. The exit to the exhaust stack shall have a minimum height of 13 feet measured from grade.
4. A flow sensor shall be installed and maintained at all inlet streams to the vapor control system to indicate the total air flow rate in cubic feet per minute (CFM). The total flow rate shall not exceed 250 CFM. In case a pressure sensor device is used in place of the flow indicator, a conversion chart shall be available to indicate the correspondent flow rate in CFM to the pressure reading.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 2007

SCC: 50290006

Location/UTM(Km):
583E/3905N

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**
Brad Poiriez
Executive Director

5. The o/o shall take samples at both the inlet and outlet of the combustor/oxidizer. These samples shall be taken each month this unit operates, and on the first, second and last days of operation at each site. These samples shall be analyzed pursuant to USEPA Method 8260B.

6. During operations of this unit at each site, the o/o shall monitor both the inlet and outlet of the combustor/oxidizer with a photoionization detector (PID or equivalent) for the first 8 consecutive hours of the first day of operation at any site and for 8 consecutive hours of the second day of operation at any site and on a monthly basis thereafter. Included with the monitoring shall be the flow rate in SCFM to the oxidizer.

7. PID or equivalent shall be considered invalid if not calibrated on the day of required use.

8. A temperature measurement and recording device with an accuracy of plus or minus 20 degrees Fahrenheit shall be installed and maintained in the inlet to the vapor control system. Whenever the vapor control system is in operation, the temperature at the inlet of the first stage of the catalyst bed shall be at least 700 degrees Fahrenheit.

9. Upon completion of each remediation project, all vapor extraction wells and ducts shall be capped to prevent vapors from venting to the atmosphere. The owner/operator of this equipment shall provide all logged data in the form of a summary report within 30 days of the completion of the use of this unit at any site.

10. This system shall achieve a minimum destruction efficiency of 99 percent (by weight) from inlet to atmosphere and shall not exceed the following to atmosphere:

- a. 350.0 ppmv VOC (as hexane)
- b. 1.5 ppmv benzene
- c. 2.4 ppmv methyl tertiary butyl ether
- d. 1.4 ppmv ethyl benzene
- e. 2.4 ppmv total xylenes
- f. 4.1 ppmv toluene

11. The o/o shall maintain current and on-site for the duration of the project a log of the following information, which shall be provided to District personnel upon request, with date and time where appropriate:

- a. Blower induced vacuum in inches of water column, continuously measured;
- b. Oxidizer flow rate, in standard cubic feet per minute, continuously measured;
- c. Oxidizer temperature in degrees Fahrenheit; continuously measured
- d. PID readings, initial and monthly; and,
- e. Test results, first, second and last day of operation and monthly.

12. Prior to January 31 of each calendar year, the owner/operator of this equipment shall submit to the District a summary report in a District approved format. The summary report shall include emissions of VOC, benzene, MTBE, ethyl benzene, toluene and total xylenes.

13. Upon completion of each remediation project, all vapor extraction wells and ducts shall be capped to prevent vapors from venting to the atmosphere. The owner/operator of this equipment shall provide all logged data in the form of a summary report within 30 days of the completion of the use of this unit at any site.