



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

C009561

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: APRIL 2009

OWNER OF OPERATOR (Co.#2)

CALNEV Pipe Line, LLC
1001 Louisiana Street
Houston, TX 77002-5089

EQUIPMENT LOCATION (Fac.#2853)

CALNEV- Various Locations
District Wide
MDAQMD, CA 92392

Description:

SOIL REMEDIATION EQUIPMENT consisting of: 250 scfm Electric Thermal Catalytic Oxidizer, Soil Vapor Extraction System, Platinum Coated Monolithic Catalyst Cell operating with 98+% control efficiency at between 600 and 1200 degrees Fahrenheit.

CONDITIONS:

1. Owner/operator shall measure catalytic system inlet, and effluent samples with a FID or PID on a weekly schedule to monitor the hydrocarbon control efficiency. The VOC destruction efficiency shall be maintained above 98% when inlet concentrations are higher (2500 ppmv hydrocarbons range). When inlet concentrations of hydrocarbons are lower (around 250 ppmv or less), outlet concentrations shall be at 75 ppmv or less. In no event shall the emissions of benzene to the atmosphere be higher than 2.5452 lb/day.
2. 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 hereunder.
3. During operation of this unit, the o/o shall take bag samples at both the inlet and outlet of the Catalytic Oxidizer. These samples shall be taken monthly and on the first, second and last days of operation at each site. These bag samples shall be analyzed pursuant to USEPA methods 8015 modified and 8260.
4. During operations of this unit, the o/o shall monitor both the inlet and outlet of the Catalytic Oxidizer with a FID/PID (or equivalent) weekly and for the first 8 consecutive hours of the first day and 8 hours of the second day of operation and the last days of operation. Included with the monitoring shall be the flow rate in SCFM to the oxidizer unit.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4959

SCC: 99999999

Location/UTM(Km):
473E/3956N

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

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

6. Items required to be logged are as follow:

- a. Reduced pressure value, in w.g., if this may be used for calculating a flow rate.
- b. Flow rate through the system, SCFM;
- c. Temperature of the combustor/catalytic oxidizer.
- d. All items logged shall be with the same frequency in condition # 3.

7. Where determinations and/or logs are required in any conditions in this permit, the District shall have final approval on the selected format of reporting. All logs shall be kept current, on-site for the duration of the project and provided to District personnel on request. At the completion of the use of this unit at any site, the o/o shall cap off all well heads and provide all the data delineated above in the form of a summary report within 30 days.

8. If this unit is to remain at a site for longer than 30 days before being moved, all analytical and FID (or equivalent) results shall be forwarded to the District upon receipt and referenced with this permit number.

9. This unit shall not be used on sites which contain contaminants other than TPH and/or BTEX without the prior written approval of the APCO.

10. The emissions of benzene to the atmosphere shall not exceed 2.5452 lb/day and 0.46 ton/year.

11. Prior to January 31 of each new year, the o/o of this unit shall submit to the District a summary report, using District approved format, of all VOC emissions (as hexane) and benzene for the site at which this unit was used.