



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

C003266

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: FEBRUARY 2013**

### **OWNER OF OPERATOR (Co.#2349)**

MP Mine Operations LLC  
67750 Bailey Road  
Mountain Pass, CA 92366

### **EQUIPMENT LOCATION (Fac.#364)**

Mountain Pass Mine  
67750 Bailey Road  
Mountain Pass, CA 92366

#### **Description:**

SCRUBBER - LANTHANUM FLAKE PROCESS consisting of: a Duall, model F303 rated at 2000 CFM, which is produced by a 7.5 hp motor driven ID fan.

#### **CONDITIONS:**

1. This scrubber shall be operated and maintained in strict accord with the recommendations of the manufacturer/supplier and/or sound engineering principles consistent with minimum emissions of contaminants.
2. A log of all maintenance and repairs/replacements shall be kept for this equipment.
3. A 12 % caustic solution is used to make-up the 6% scrubber solution. The scrubber solution shall be maintained at 6% + or - 1% (i.e. Within 5-7%). The 12% caustic shall be maintained at 10-18%. A sample of each of the 12 and 6 % solutions shall be collected and titrated each shift when either this scrubber or the scrubber described in District permit C002077, which serves the CE-96 Plant Process is in operation. The results of the titrations shall be recorded.
4. Logs mentioned in the above conditions shall be kept current, on-site for a minimum of five (5) years and provided to District personnel on request.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1099

SCC: 99999999

Location/UTM(Km):  
634E/3926N

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.

MP Mine Operations LLC  
1700 S. Pavilion Center Drive, 8th Floor  
Las Vegas, NV 89135

By: **COPY**  
**Brad Poiriez**  
Executive Director

5. This scrubber shall operate concurrently with the Lanthanum Flake Process, District permit B003265.

6. Mountain Pass Mine Voluntary Emissions Limit/Synthetic Minor Hazardous Air Pollutant Limits:

(a). General Limits for Entire Facility. The total emissions for the Mountain Pass Mine shall be less than 25 tons per year of VOC. The total emissions of Hazardous Air Pollutants (HAPs) for the Mountain Pass Mine shall not exceed 7 tons per year for any single HAP and 18 tons per year for any combination of HAPs calculated on an annual basis. HAPs are defined in 40 CFR 61.01 Lists of pollutants and are the chemical compounds listed in section 112(b) of the Clean Air Act (Act).

(b). Monitoring, Periodic Monitoring & Recordkeeping Conditions. To prove compliance with condition (a) above, permittee shall maintain usage records of all VOC- and HAP-containing solvent materials. Such records shall be compiled into an annual usage report and total HAP emissions from solvent operations shall be added to the annual HAP emissions from fuel burning and other HAP emitting equipment. Annual HAP/VOC emissions from fuel burning and other emitting equipment for purposes of this condition shall be determined by use of HAP/VOC emissions factors (as set forth by District approved emission factors), or by annual actual emissions as determined by source test of the equipment, or by methods and emission factors established in an approved comprehensive Emission Inventory Plan (CEIP).

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[California Clean Air Act, Health and Safety Code \S\S39607 and \S\S44300 et seq., and the Federal Clean Air Act, \S110(a)(2)(F)(ii), codified in 40 CFR 60 Subpart Q]