



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

C000376

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: FEBRUARY 2014**

**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:**

BAGHOUSE (No. 1 CONCENTRATE DRYER FEED) consisting of: a Mikro-Pul Model 49-S-10 baghouse, equipped with 49 4.5" ID by 10' Nomex bags (577 square feet of area), a 0.5 hp star discharge valve and a 15 hp fan generating 4000 ACFM (for an air to cloth ratio of 6.9:1). This device vents the feed hopper under T004939, the head of bin-feed bucket elevator 49-2503, reject bin 49-33-08 and product bin truck loading through a flexible duct (all under B000819). This device has a nominal bag pressure differential range of five to seven inches water gauge.

**CONDITIONS:**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with portions of the Concentrate Dryer No. 1 (B000819).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value;
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1099

SCC: 30504033

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**  
**Eldon Heaston**  
Air Pollution Control Officer

4. This baghouse shall discharge no more than 0.206 pounds per hour of PM10 at a maximum concentration of 0.006 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

5. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

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]