



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

B000379

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: FEBRUARY 2018**

**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:**

CERIUM CIRCUIT No. 2 - DRYER SYSTEM consisting of:

**EQUIPMENT**

Capacity	Equipment Description
2	No. 2 Cerium Drum Filter
2	No. 2 Cerium Drum Filter Agitator
5	Drum Filter Transfer Screw2
2	Dryer Feed Screw
1	Short Belt
1	Burner Oil Pump
15	Combustion Air Fan
10	Drive Motor
10	Vacuum Filtrate Pumps, 2 @ 5 hp each
0	Drum Filter Mix Tank
0	Drum Filter Feed Box
0	Filter Return Tank
3	Filter Return Tank Agitator
10	Filtrate Pumps, 2 @ 5 hp each
0	Filtrate Receiver
20	Filtrate Return Pump

Fee Schedule: 8 (d)

Rating: 5230000 Btu

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**  
Air Pollution Control Officer

Capacity	Equipment Description
0.25	Dryer Cyclone @ 0.25 hp Note: This value shows as rounded up to 0.3, under capacity!
3	Rework Screw
0	Rework Hopper
3	Dryer Discharge Screw
5	Dryer Discharge Bucket Elevator
0	Rotary Dryer, stainless steel, 7 ft diameter by 28 ft long with rated fuel input of 5.0 millions Btu/h
0	Fee Calculation = 5.0 millions Btu/h + (2550 Btu/h/hp x 92.25 hp) = 5.23 millions Btu/h

## CONDITIONS:

1. This equipment shall not be operated unless vented to properly functioning baghouse under valid District permit number C000378.

2. 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]