



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B002374

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:**

SOLVENT EXTRACTION - CERIUM SPECIALTY PLANT (SX-7) consisting of:

**EQUIPMENT**

Capacity	Equipment Description
2500	AG-SX-700 Extraction Cells, (16), with Agitators @ 1/3 hp each
10152	T-SX-703 SX-7 Feed Tank
0	P-SX-703-1 SX-7 Feed Tank Pump, at 1 hp
60	T-SX-705 SX-7 Feed Head Pump Tank
157	T-SX-706 SX-7 Barren Organic Pump Tank, at 1 hp
534	T-SX-707 SX-7 Barren Organic Head Tank
157	T-SX-708 SX-7 Raffinate Trap and Pump Tank, at 1 hp
157	T-SX-709 SX-7 Pregnant Solution Transfer/Pump Tank, at 1 hp
2160	T-SX-710A Cerium Precipitation Quality Control Tank, with Agitator, at 1 hp
2160	T-SX-711B Cerium Precipitation Quality Control Tank, with Agitator, at 1 hp
0	P-SX-710A Cerium Precipitation Quality Control Tank Pump, at 1 hp
5875	T-GP-217 Cerium Surge Precipitation Feed Tank
0	PT-GP-217-1 Cerium Surge Precipitation Feed Tank Pump
9000	T-GP-219 Cerium Precipitation Tank, with Agitator, at 1 hp
0	DF-GP-220 Cerium Filter with Drive Motor
0	Cerium Cake Chute

Fee Schedule: 5 (b)

Rating: 32900 gallons

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

Capacity	Equipment Description
0	Cerium Filtrate Receiver and Filtrate Moisture Trap
0	Cerium Filter Seal Tank
0	Cerium Filtrate Pump, at 1 hp

**CONDITIONS:**

1. The owner/operator, o/o, shall operate/maintain all the equipment delineated above in strict accord with the recommendations of the manufacturer/supplier.

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]