



# MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

**B000819**

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:**

CONCENTRATE DRYER NO. 1 (MDC-45-3501) consisting of: For fee purposes, unit horsepower ratings have been converted on a 2550 Btu per horsepower basis.

### **EQUIPMENT**

Capacity	Equipment Description
0.12	Truck Feed Conveyor, 18" by 15' (C-11), rated 5 hp
0.12	Truck Feed Transfer Conveyor, 24" by 10' (C-12), rated 5 hp
0.12	Dryer Feed Conveyor, 24" by 75' (C-10), rated 5 hp
0.38	Concentrate Dyer #1, rated 15 hp
20	Burner, rated 2.0 MMBtu/hr
0.25	Combustion Air Blower, rated 10 hp
0.01	Oil Feed Pump, rated 0.5 hp
0	Surge Bin, 2400 pound capacity (45-3306)
0.01	Rotary Feeder, rated 0.5 hp
0.12	Hammer Mill, rated 5 hp
0	Transfer Bin (45-3307)
0.12	Hopper Transfer Conveyor (C-13), rated 5 hp
0	Reject Bin (49-3308)
0.12	Slip Stick Conveyor, 18" by 46' (45-2502), rated 5 hp
0.19	Bin Feed Bucket Elevator, 8" by 5" by 78' (49-2503), rated 7.5 hp
0.19	Three 60" D Sweco Screens (49-3201, -3203 and -3204), each rated 2.5 hp

Fee Schedule: 8 (C)

Rating: 2270000 Btu

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**  
**Brad Poiriez**  
Air Pollution Control Officer

Capacity	Equipment Description
0.07	Slip Stick Conveyor, 24" by 46' (45-2506), rated 3 hp
0	Mikropul Model 1BV-6 Bin Vent serving Product Storage Bin #4, 234 sqft filter area (45-3502)
0	Mikropul Model 1BV-6 Bin Vent serving Product Storage Bin #3, 234 sqft filter area (45-3503)
0	Mikropul Model 1BV-6 Bin Vent serving Product Storage Bin #2, 234 sqft filter area (45-3504)
0	Mikropul Model 1BV-6 Bin Vent serving Product Storage Bin #1, 234 sqft filter area (45-3505)
0.07	Slip Stick Conveyor, 24" by 64' (45-2517), rated 3 hp
0.19	Bin Feed Bucket Elevator, 8" by 5" by 59' (49-2505), rated 7.5 hp
0.07	Slip Stick Conveyor, 24" by 18' (49-2507), rated 3 hp
0	Surge Bin, 24 ton capacity (49-1301)
0	Impact Protection Drop Box (49-2510)
0	100 lb. Bagging Surge Bin, 4000 pound capacity
0	No. 1 Concentrate Bin, 12' D by 19' H for 16,896 gallon capacity (45-1301)
0	No. 2 Concentrate Bin, 12' D by 16' H for 14,385 gallon capacity (45-1302)
0	No. 3 Concentrate Bin, 12' D by 16' H for 14,385 gallon capacity (45-1303)
0	No. 4 Concentrate Bin, 14' D by 14' H for 20.435 gallon capacity (45-1304)
0.01	Sampler, rated 0.75 hp
0.05	Net Weight Scale, rated 2 hp
0.2	Bagger, rated 8 hp
0.01	Closer, rated 0.75 hp
0	No. 1 Gravity Conveyor
0.02	No. 2 Pacer Conveyor, rated 1 hp
0.02	No. 3 Reject Conveyor, rated 1 hp
0.02	No. 4 Conveyor, rated 1 hp
0.07	No. 5 Conveyor, rated 3 hp
0.02	No. 6 Conveyor, rated 1 hp

## CONDITIONS:

1. This equipment shall not be operated unless it is vented to functioning baghouses covered by valid District permits C000376, C002375, and C004343 as applicable.
2. This equipment shall be operated/maintained in strict accord with the recommendations of the manufacturer/supplier and/or sound engineering principles.
3. The owner/operator (o/o) shall maintain on-site a minimum inventory of replacement bags for the bin vents that assures compliance with these conditions.
4. The o/o shall conduct a minimum program of inspection and maintenance on the bin vents. 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. Quarterly bag and bag suspension system inspection date and results;
  - b. Date of bag replacements; and,
  - c. Date and nature of any system repairs.
5. 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]