



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

### AUTHORITY TO CONSTRUCT

B011575

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

**EXPIRES LAST DAY OF: FEBRUARY 2027**

#### 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:

DISSOLUTION EQUIPMENT consisting of:

#### EQUIPMENT

Capacity	Equipment Description
6	T-077 Dissolution Mixing Tank #1 (6000 gal)
0	TBD Dissolution Mixing Tank #1 Agitator
6	T-073 Dissolution Mixing Tank #2 (6000 gal)
0	TBD Dissolution Mixing Tank #2 Agitator
0	TBD Dissolution Filter Feed Pump
0	TBD Heat Exchanger
33	D20-TK710 High Acid Storage and Distribution Tank (33,000 gal)
0	D20-P19 High Acid Distribution Pump
0	D20-P20 High Acid Distribution Pump (Spare)
0	D20-P21 High Acid Area Sump Pump

Fee Schedule: 5 (b)

Rating: 45000 gallons

SIC: 1099

SCC: 30504099

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

## **CONDITIONS:**

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

[District Rule 1302]

2. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.

[District Rule 1302]

3. The following equipment shall not be operated unless it is vented to a properly functioning scrubber under valid District permit C011576:

(a) T-077 Dissolution Mixing Tank #1

(b) T-073 Dissolution Mixing Tank #2

(c) D20-TK710 High Acid Storage and Distribution Tank

[District Rule 1320]

4. Actual emissions from this facility shall be less than the following:

a. 42 tons per year of NOx [Rule 1303(B)]

b. 46 tons per year of PM10 [Rule 1303(B)]

c. 25 tons per year of VOC

d. 25 tons per year of SOx

e. 100 tons per year of CO, calculated on a rolling twelve-month basis

f. 10 tons per year for any single HAP and 25 tons per year for any combination of HAPs calculated on a rolling twelve-month basis.

HAPs are defined in 40 CFR 61.01 and are the chemical compounds listed in section 112(b) of the Clean Air Act (Act). Compliance with the annual emission limits shall be demonstrated via 12 month rolling sum for CO and HAP via annual emission inventory reports for all criteria pollutants and HAP.

[District Rule 1303 - Offsets]

5. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]