



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

C015669

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:

HCL SCRUBBER, HRE FINISHING consisting of: Manufacturer: Mach Engineering, Model: FRPT-30, Serial: TBD

EQUIPMENT

Capacity	Equipment Description
0	542-D72-SSE01 HRE Finishing Water Scrubber
0	542-D72-BL01 HRE Finishing Water Scrubber Blower
0	542-D72-P01 HRE Finishing Water Scrubber Recirculation Pump
0	542-D72-P02 HRE Finishing Water Scrubber Purge Pump
0	542-D72-STK01 HRE Finishing Water Scrubber Stack

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1099

SCC: 39999989

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

[District Rules 204]

2. This equipment shall control emissions from and be operated concurrent with the HRE Finishing System under valid District permit B015670.

[District Rules 1302 and 1320]

3. This equipment shall not discharge hydrogen chloride at more than a maximum of 50 ppm v/v, per District Rule 406.

[District Rules 204, 406 and 1320]

4. This scrubber shall use water to achieve compliance with the limit in Condition 3.

[District Rules 204 and 1320]

5. The owner/operator of this source shall evaluate weekly, the HCl concentration at the outlet of the scrubber using a method approved in writing by the Air Pollution Control Officer. A protocol for the monitoring method shall be submitted to the District for approval no later than 60 days after first start up. The monitoring results shall be used to demonstrate compliance with Condition 3.

[District Rules 204 and 1320]

6. The owner/operator, o/o, shall conduct a minimum program of inspection/maintenance which includes the following and shall be maintained current, on-site for a minimum of 5 years and provided to District personnel on request:

- a. weekly concentration monitoring pursuant to Conditions 3 and 5; and
- b. date and description of maintenance performed.

[District Rules 204 and 1320]

7. In the event of any equipment malfunction or breakdown as defined in District Rule 430, the event must be reported to the District within one hour.

[District Rule 430]

8. This equipment does not require regular emissions testing however testing may be required at District discretion.

[District Rule 1320]

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

- a. 42 tons per year of NO_x [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 SO_x
- 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]

10. 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), Health & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]