



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

B011335

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

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:

CRUSHING PLANT consisting of:

EQUIPMENT

Capacity	Equipment Description
5	C05-DB1 Dust Spray System
0	C05-HP Feed Hopper
60	C05-FE Vibrating Grizzly Feeder
250	C05-CR Primary Jaw Crusher
25	C05-CV1 Under Crusher Conveyor
0	C10-MG Stationary Magnet
0	C10-MD Metal Detector
15	C10-CV1 Secondary Screen Feed Conveyor
40	C10-SC Horizontal Secondary Screen
10	C10-CV2 Secondary Under Screen Conveyor
300	C10-CR Secondary Cone Crusher
7.5	C10-CV3 Secondary Under Crusher Conveyor
20	C10-CV4 Secondary Recycle Conveyor
20	C15-CV1 Tertiary Screen Feed Conveyor

Fee Schedule: 1 (d)

Rating: 1452 bhp

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	C15-MG Stationary Magnet
0	C10-TK1 Dust Suppression Surge Tank
40	C15-SC Horizontal Tertiary Screen
10	C15-CV2 Tertiary Under Screen Conveyor
300	C15-CR Tertiary Cone Crusher
7.5	C15-CV3 Tertiary Under Crusher Conveyor
15	C15-CV4 Tertiary Recycle Conveyor
20	C15-CV5 Fine Ore Transfer Conveyor
0	C15-BS Belt Scale
70	C15-CV6 Telestacker Conveyor
0	C20-BN Fine Ore Feed Bin
100	C20-CV1 Overland Conveyor
2	C20-DB1 Dust Spray System
15	C20-FE Belt Feeder
0	C20-TK1 Dust Suppression Surge Tank
0	D05-FE5 Fine Ore Diverter
15	D05-CV1 Storage Bin No. 2 Conveyor
15	D05-CV2 Ball Mill Feed Conveyor
0	D05-BS Belt Scale
15	D05-FE1 Fine Ore Feeder No. 1
15	D05-FE2 Fine Ore Feeder No. 2
15	D05-FE3 Fine Ore Feeder No. 3
15	D05-FE4 Fine Ore Feeder No. 4
15	D05-FE5 Fine Ore Feeder No. 5
15	D05-FE6 Fine Ore Feeder No. 6

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.
2. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.
3. Materials processed by equipment delineated above shall comply with District rules 401, 402, and 403.
4. Sufficient water and equipment in operable condition shall be maintained on-site and used as necessary to ensure compliance with these rules.
5. Material handling processes (i.e. drops and conveyors) shall not discharge PM10 in excess of 0.01 grains/dscf.
6. Crushing operations shall not discharge PM10 in excess of 0.01 grains/dscf.
7. Screening operations shall not discharge PM10 in excess of 8.4 grains/tons screened.

8. All non-fugitive emissions at the crushing plant shall meet the above required emission limits as follows:

- a. Ore added to the feed hopper shall have a moisture content of 3% or greater.
- b. The feed hopper, grizzly feeder, and primary jaw crusher shall be watered such that material entering the primary jaw crusher shall have a moisture content of 4% or greater. This moisture content shall be maintained or exceeded through all downstream processes in the crushing plant.
- c. All streams from the primary jaw crusher to the first of the two Telestacker Conveyors shall be covered and vented to baghouse C011336.

Items a and b shall be logged monthly, as applicable. The applicable log shall be maintained current, on-site for a minimum of 5 years and provided to District personnel on request.

9. 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 9.9 tons per year for any single HAP and 24.9 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 materials. Such records shall be compiled into an annual usage and total HAP emissions summary. 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). (c) Facility wide Comprehensive Emission Inventory (CEIR) Reports shall be submitted to the District pursuant to the Districts Comprehensive Emissions Inventory Report Guidelines. A CEIR in a District approved format must be submitted to the District for all emitted criteria pollutants on an annual basis and for all emitted criteria and toxic air pollutants on a triennial basis. CEIR are to be received by the District no later than May 31 of the following year. [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]