MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park AvenueVictorville,CA92392-2310
760.245.1661 -- 800.635.4617 -- FAX760.245.2022

AUTHORITY TO CONSTRUCT

B011667

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 2026

OWNER OF OPERATOR (Co.#2349)

MP Mine Operations LLC
67750 Bailey Road
Mountain Pass,CA92366

EQUIPMENT LOCATION (Fac.#364)

Mountain Pass Mine
67750 Bailey Road
Mountain Pass,CA92366

Description:
WET DIDYMIUM PROCESS EQUIPMENT TRAIN #1 consisting of:

EQUIPMENT

Capacity	Equipment Description
0	F65-TK100 Didy Precip Feed Tank 30000 gallon
0	F65-TK110 Didy Precipitation Tank No. 1 12900 gallon
0	F65-TK120 Didy Precipitation Tank No. 2 12900 gallon
0	F65-TK157 Didy Mother Liquor Hold Tank 12900 gallon
0	F65-TK130 Didy Centrifuge Feed Tank 12900 gallon
0	F65-TK155 Didy Wash Filtrate Tank 12900 gallon
110.75	F65-CENH150 Didy Centrifuge No. 1
110.75	F65-CENH160 Didy Centrifuge No. 2
0	F65-TK190 Didy Centrifuge No. 1 Standpipe 600 gallon
0	F65-TK191 Didy Centrifuge No. 2 Standpipe 600 gallon
15	F65-P101 Didy Precip Feed Pump No. 1
15	F65-P102 Didy Precip Feed Pump No. 2
0	F65-HX101 Didy Precip Feed Heat Exchanger
75	F65-AG110 Didy Precipitation Tank No. 1 Agitator

Fee Schedule:1 (c) Rating:549.5bhp SIC:1099 SCC:N/A 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,NV89135

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

UNOFFICIAL

Capacity	Equipment Description
0	F65-ME110 Didy Precipitation Tank No. 1 Mist Eliminator
75	F65-AG120 Didy Precipitation Tank No. 2 Agitator
0	F65-ME120 Didy Precipitation Tank No. 2 Mist Eliminator
5	F65-P110 Didy Precip Tanks Transfer Pump No. 1
5	F65-P111 Didy Precip Tanks Transfer Pump No. 2
15	F65-P115 Didy Precip Tanks Decant Pump
30	F65-P157 Didy Paste Tails Pump No. 1
30	F65-P158 Didy Paste Tails Pump No. 2
0	F65-AREC151 Didy Centrifuge Air Accumulator
5	F65-P131 Didy Centrifuge Feed Pump No. 1
5	F65-P132 Didy Centrifuge Feed Pump No. 2
0	F65-P192 Didy Centrifuge No. 1 Standpipe Pump
0	F65-P193 Didy Centrifuge No. 2 Standpipe Pump
3	F65-ZL155 Didy Wet Cake Z Bucket Conveyor
25	F65-P155 Didy Recycle Wash Pump No. 1
25	F65-P156 Didy Recycle Wash Pump No. 2

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.The following equipment shall not be operated unless it is vented to a properly functioning scrubber under valid District permit C011669
a. F65-TK100 Didy Precip Feed Tank
b. F65-TK110Didy Precipitation Tank #1
c. F65-TK120 Didy Precipitation Tank #2
d. F65-TK157 Didy Mother Liquor Hold Tank
e. F65-TK130 Didy Centrifuge Feed Tank
f. F65-TK155 Didy Wash Filtrate Tank
g. F65-CENH150 Didy Centrifuge #1
h. F65-CENH160 Didy Centrifuge #2
i. F65-TK190 Didy Centrifuge #1 Standpipe
j. F65-TK190 Didy Centrifuge #2 Standpipe

4.(a) Mountain Pass Mine Facility Emissions Limits: The total criteria pollutant emissions for the Mountain Pass Mine shall be less than: 42 tons per year of NOx, 25 tons per year of VOC, 46 tons per year of PM10, 25 tons per year of SOx, and 100 tons per year of CO. The total emissions of Hazardous Air Pollutants (HAPs) for the Mountain Pass Mine shall be less than 10 tons per year for any single HAP and 25 tons per year for any combination of HAPs calculated on an annual 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).
(b). Monitoring, Periodic Monitoring & Recordkeeping Conditions. This facility shall demonstrate compliance with the specific facilitywide emission limits through the submission of an approved CEIP and CEIR. The CEIP and CEIR shall be based on actual emissions as determined by source test of the equipment or on district approved methods and emissions factors only. Generic or default emission factors shall not be used without approval from the District. The Comprehensive Emission Inventory Plan (CEIP) shall be due no later than March 31 of the year following the year of the actual emissions to be reported. Emissions will be calculated separately for each emissions source on a monthly basis and used to calculate the 12 month rolling annual total. All emissions sources including all permit units will be summed on a monthly basis and used to calculate the 12 month rolling annual total. The permit unit and facilitywide monthly emissions, 12 month rolling annual emissions total, and approved CEIR shall be kept on site and provided to District personnel upon request.
(c) A facility wide Comprehensive Emission Inventory (CEIR) must be submitted to the District, in a format approved by the District, for

all emitted criteria air pollutant on a yearly basis, and every three years for toxic air pollutants, which is to be received by the District no later than April 30 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]