



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013406

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: FEBRUARY 2023

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:

BOILER, TEMPORARY MILL consisting of: Cleaver-Brooks Model CBLE700-600-250ST fire tube boiler, Serial Number T1658-1-1 with a maximum heat input of 24.5 MMBtu/hr.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or in a manner consistent with safety and good air pollution control practices for minimizing emissions. Furthermore, operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued.

[District Rule 1303(B)]

2. This boiler shall only be fueled with utility grade natural gas.

[40 CFR 60.40c(a)]

3. Emissions from this equipment shall not exceed the following emission limits at any firing rate, verified by fuel use and annual compliance tests:

a. NO_x as NO₂ - 9.0 ppmvd corrected to 3% O₂, 0.011 lbs/MMBtu, and 0.27 lb/hr (averaged over one hour)

b. CO - 50 ppmvd corrected to 3% O₂, 0.038 lbs/MMBtu, and 4.03 lb/hr (averaged over one hour)

[District Rule 1303]

Fee Schedule: 2 (c)

Rating: 24500000 Btu

SIC: 1099

SCC: 10200602

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

The owner/operator shall conduct compliance emissions tests at least once every twelve (12) months. The owner/operator must submit a compliance test protocol at least thirty (30) days prior to the compliance test date. The owner/operator must conduct all required compliance tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance test date so that an observer may be present. The final compliance test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov

4. The owner/operator shall maintain an operations log for this equipment on-site and current for a minimum of five (5) years, and this log shall be provided to District personnel on request. The operations log shall include the following information at a minimum:

- a. Records of all maintenance, repairs, and tune-ups, source test results; and,
- b. Total fuel consumed on an annual basis: Fuel consumption can be calculated based on fuel purchase records, dedicated fuel meter readings, or other District approved method;
- c. Any permanent changes made to the equipment that would affect air pollutant emissions, and indicate when changes were made.

[Fuel Sulfur Monitoring- 40 CFR 60.48c(g)(1)-(3), (i)]

5. This unit shall be operated and maintained in compliance with New Source Performance Standards (NSPS) for Boilers (Steam Generating Units) 40 CFR 60 Subpart Dc. In the event of conflict between permit conditions above and the NSPS, the more stringent requirements shall govern.

6. 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]