



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013568

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2020

OWNER OF OPERATOR (Co. #2353)

Protech Minerals, LLC
17092 South D Street
Victorville, CA 92395

EQUIPMENT LOCATION (Fac. #3931)

Protech Minerals, LLC - Sand Valley
Kingston to Palm, Right on Texas (South)
Sandy Valley, CA 89417

Description:

CRUSHING AND SCREENING CIRCUIT consisting of: Hammer Mill Manufacturer: Hewitt Robins Model: 36 x 32 Serial Number: 12605193-01 Maximum estimated throughput is xxx tons per hour. Dust control will be initially provided by water spray. Power will be provided by an onsite generator as described in District Permit B013566. Screen: A portable three deck screening plant manufactured by Trio, model TTH6203 and serial number TBD. Each screen is approximately 6 feet wide by 20 feet long with 20, 30, and 40 mesh sizes. Maximum estimated throughput is 125 tons per hour and the material being screened is approximately 60 percent gypsum and 40 percent sand. Dust control will be initially provided by water spray, but may include a baghouse in the future. Power will be provided by an onsite portable generator as described in District Permit B013566.

EQUIPMENT

Capacity	Equipment Description
0	ONE Trio model TTH6203 three deck screen equipped with three integral product conveyors. Each screen measures 6 feet by 20 feet.
0	THREE Radial Stacking conveyors, each with 36 inch wide by 60 foot belts. Each Radial Stacker is powered by a 20 hp electric motor.
0	ONE Horizontal conveyor, with a 30 inch by 60 foot belt.
0	ONE Bottom Discharge conveyor (Screen Discharge Belt), with a 60 inch by 30 foot belt.
0	conveyor connecting screening plant to hammer mill feeder
0	feeder
0	conveyor
0	crusher
0	conveyor

Fee Schedule: 1 (c)

Rating: 422bhp

SIC: 1499

SCC: 30501507

Location/UTM(Km): 626E/3955N

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.

Protech Minerals, LLC
17092 South D Street
Victorville, CA 92395

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

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.
[District Rules 1302(C)(2)(a)]

2.The maximum hourly throughput of material through this process shall not exceed 149 tons per hour (tph). Exceedance of this limit triggers the requirements of Title 40 CFR 60 subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants. Compliance with this limit shall be verified by installation and maintenance of a properly operating weigh belt installed subsequent to the first feeder. Ton/hour throughput shall be logged as required by condition #7. [40 CFR 60 Subpart OOO Section 60.670]

3.This plant must be mounted on any chassis or skids and be able to be moved by the application of a lifting or pulling force. In addition, there shall be no cable, chain, turnbuckle, bolt or other means (except electrical connections) by which any piece of equipment is attached or clamped to any anchor, slab, or structure, including bedrock that must be removed prior to the application of a lifting or pulling force for the purpose of transporting the unit.
[40 CFR 60.671]

4.Existing equipment cannot be replaced and/or new equipment cannot be added without submitting an application to the District and receiving a new permit from the District.
[District Rule 201]

5.This equipment shall be powered by line power or an internal combustion diesel engine(s) under valid District permit B013566.
[District Rules 1302 and 1320]

6.Throughput from this equipment shall not exceed:

(a) 784 tons/day

(b) 392,000 tons/year in any consecutive 12 month period Compliance with this limit shall be verified by condition 7.

[40 CFR 60.670 and District Rule 1303]

7.A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, as a minimum:

(a) Tons of product produced per hour

(b) Tons of product produced per 24 hour day

(c) Tons of product produced per each consecutive twelve-month period

(d) Weekly water spray system inspection records required by condition 9

(e) Maintenance and break down records associated with all water spray systems

(f) Results of all weekly USEPA Method 22 observations required by condition 11.

[40 CFR 60.670; District Rules 204 and 1302]

8.Water sprays or dust suppression mechanisms/systems shall be used at conveyor points of charge and discharge, crushers, feeders, and screens, to control fugitive emissions. Compliance with this condition shall be verified on a weekly basis per condition 9.

[District Rule 1302 (C)(2)(a)]

9.The owner or operator must perform weekly inspections to verify that high pressure water is properly flowing through all discharge spray nozzles in the wet suppression system. The owner/operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if they find that water is not flowing properly during such inspections. The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook.

[District Rule 1302 (C)(2)(a)]

10.Visible emissions from this equipment shall not exceed an opacity equal to, or greater than, twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor [District Rule 401]. This equipment shall not discharge air contaminants or materials constituting a nuisance to any considerable number of persons or to the public [District

Rule 402]

Roadways, work areas and stockpiles shall be kept sufficiently moist to control fugitive dust, and no visible emissions shall extend beyond the property line of the emission source [District Rule 403]. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance with this condition.
[District Rule 1302(C)(2)(a)]

11. The owner/operator must monitor opacity from the property line of this facility on a weekly basis to determine whether visible fugitive dust is crossing the property line in accordance with USEPA Method 22.
[District Rule 403, USEPA Method 22]

In the event that visible dust is observed crossing the facility's property boundary the system shall be shut down and corrective action must be taken prior to resuming operations.
[District Rule 403]

12. 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]