



## 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

C000596

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: OCTOBER 2025**

#### OWNER OF OPERATOR (Co. #2353)

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

#### EQUIPMENT LOCATION (Fac. #265)

Protech Minerals - Victorville  
17092 "D" Street  
Victorville, CA 92392

#### Description:

DUST COLLECTOR AND CONTROL SYSTEM FOR NO 2 RAYMOND MILL UNDER B000581 consisting of:

#### EQUIPMENT

Capacity	Equipment Description
20	Dust collector, Mikro Pulsaire, Model 1-F1-48-10, S/N 74H169
1.5	Screw conveyor, 12" diameter
2	Screw conveyor, 12" diameter
0	Cloth area: 1414 sq ft

#### 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 204 and 1302]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1422

SCC: 30504401

Location/UTM(Km): 473E/3822N

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.

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

2.This dust collector shall operate concurrent with the #2 Raymond mill under valid District permit number B000581.

[District Rule 1302]

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

3.The owner/operator cannot replace existing equipment and/or add new equipment without submitting an application to the District and receiving a new Permit from the District.

[District Rule 201]

4.The owner/operator shall maintain a facility log, on-site, containing at least the two (2) years of most recent data. This log shall be made available to the District personnel upon request and shall contain the following information, as a minimum:

a. The number of hours operated each operating month;

b. The tons of product processed per month;

c. The date and result of each opacity evaluation and any corrective action taken (USEPA Method 22/9 result, District Rule 430 Breakdown documentation, etc.);

d. The inspection and maintenance documentation for all control devices (pressure differential readings, calibration checks, quarterly inspections, repairs, etc.).

[District Rules 204 and 1302]

5.The facility shall not emit more than 99.9 tons/year of PM<sub>10</sub>\*. Compliance with this condition will be verified through the submission of the Comprehensive Emission Inventory.

[District Rule 1201(S)(1)]

\*Please note this facility was constructed prior to 1980 therefore emission offset threshold specified by District Rule 1303 is not applicable.

6.The owner/operator shall ensure that 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]

7.The owner/operator shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.

[District Rule 402]

8.The owner/operator shall not cause or allow the emissions of fugitive dust from any transport, handling, construction or storage activity so that the presence of such dust remains visible in the atmosphere beyond the property line of the emission source.

[District Rules 204 and 403]

9.The owner/operator shall take every reasonable precaution to prevent visible particulate matter (dirt/dust) from being deposited upon public roadways as a direct result of their operations. Reasonable precautions shall include, but are not limited to, the removal of particulate matter from equipment prior to movement on paved roadways or the prompt removal of any material generated from their operations from paved roadways onto which such material has been deposited.

[District Rule 403]

10.The owner/operator shall periodically monitor opacity from equipment emission points and fugitive emission points according to the following methodology:

a. Conduct a monthly 6-minute visible emissions evaluation on each emission point and fugitive emission point associated with this equipment in accordance with USEPA Method 22. The evaluation must be conducted while the affected source is in operation.

[District Rules 204, 401, 402, and 403]

In the event that opacity is observed during the USEPA Method 22, the owner/operator must do one of the following:

a. Conduct a USEPA Method 9 to determine compliance with the opacity limit of condition #6. If the opacity limit of this condition is not violated, the owner/operator must ensure that all equipment and controls are operating correctly, but operations are not required to be shut down. If the opacity limit of condition #6 is violated the owner/operator must adhere to option 'b.' below.

b. Shut down the affected equipment and take corrective action to preclude any further emissions. Upon restarting the affected equipment, the owner/operator must conduct a USEPA Method 22 and/or Method 9 to demonstrate that the corrective action taken was sufficient. Equipment breakdowns resulting in violation and/or shutdown shall be reported to the District in accordance with District Rule 430.

[District Rules 403 and 430]

11. The owner/operator must conduct a minimum program of inspection and maintenance on this equipment inclusive of the following:

- a. Once a week, record the pressure differential reading during normal operations, in inches of water column.
- b. Once a week, conduct a calibration check on the pressure differential gauge by checking for a 'zero reading' before the unit is in operation.
- c. Once a quarter, conduct an inspection of the bags/filters, the bag/filter suspension system, and the pulsing system to ensure there are no holes in the bags/filters and the suspension and pulsing systems are functioning properly.
- d. Record the date and nature of all pressure differential readings, calibration checks, quarterly inspections, and repairs or maintenance conducted.

[District Rule 204]

12. This dust collector shall be equipped with a device to measure the pressure differential across the bags/filters (monometer). This gauge shall be maintained in working order and register readings between 2 and 6 inches water column when the unit is in operation. The gauge reading shall be clearly visible through the gauge cover.

[District Rule 204]

13. The owner/operator shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[District Rule 204]

14. This dust collector shall only discharge material collected from the control equipment into sealed containers.

[District Rule 204]

15. 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]