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

B011272

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: JULY 2027

## OWNER OF OPERATOR (Co.#3254)

5E SVM Operations, LLC
13200 Main Street
Trona, CA 93562

## EQUIPMENT LOCATION (Fac.#79)

SVM - Argus Facility
82090 First Street
Trona, CA 93562

**Description:**
REFINED COAL TREATMENT SYSTEM consisting of: System for applying coal treatment- consisting of calcium bromide solution (Mer-Sorb) mixed with cement kiln dust (S-Sorb). Application of coal treatment occurs within crusher house - Coal Reclaim System (B000521). Equipment consists of the following;

### EQUIPMENT

| Capacity | Equipment Description |
|---|---|
| 0 | S-Sorb: |
| 0 | 100 Ton Silo, 3, 348 cu ft capacity |
| 0 | Silo Filler Vent, Model CW LPR8 |
| 0 | Filter Batcher Vent, Model CP-35 |
| 5 | Aeration Blower, 5 hp |
| 10 | Screw Conveyor, 10 hp |
| 0.33 | Rotary Airlock Vane Feeder, 0.33 hp |
| 15 | Rotary Screw Air Compressor, 15 hp |
| 0 | Mer-Sorb: |
| 0 | 6,000 Gallon Storage Tank |
| 2 | Recirculation Pump, 2 hp |

Fee Schedule: 1 (a) Rating: 33.33 bhp SIC: 1474 SCC: 30510103 Location/UTM(Km): 465E/3958N

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.

5E SVM Operations, LLC
P.O. Box 367
Trona, CA 93592-0367

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

| Capacity | Equipment Description |
|---|---|
| 1 | Two Metering Pumps, 0.5 hp (2) |

## CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
[District Rule 204]

2. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants.
[District Rule 204]

3. Application of coal treatment materials to coal shall occur only within the crusher house inherent to Coal Reclaim System, District Permit B000521.
[District Regulation XIII - NSR]

4. Associated storage silo and tank shall be used to store only cement kiln dust (100 ton silo) and calcium bromide solution (6,000 gallon tank).
[District Rule 204]

5. Cement Kiln Dust Storage Silo and Weigh Batcher shall only operate when integral silo bin vent and weigh batcher bin vent are properly operating and in use.
[District Rule 204]

6. The owner/operator shall maintain on-site a minimum inventory of bin vent filter replacement bags that assures compliance with these conditions.
[District Regulation IV]

7. The weigh batcher and storage silo bin vents shall be equipped with a device to measure the pressure differential across the bags. Device shall be installed in a conspicuous location. In operation, the normal operating pressure differential shall not exceed 8 inch and 12 inch water column (maximum 20 inch water column during silo filling), respectively.
[District Regulation XIII - NSR]

8. Dust collected in the bin vents shall be discharged only into closed containers.
[District Regulation XIII - NSR]

9. The total amount of cement kiln dust loaded and batched shall not exceed 7,500 tons per calendar year.
[District Regulation XIII - NSR]

10. The owner/operator shall conduct a minimum program of inspection and maintenance on this equipment. The owner/operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District, State, or Federal personnel upon request:
(a) Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 when visible emissions are detected);
(b) Semi-annual bag and bag suspension system inspection date and results;
(c) Monthly reading of baghouse pressure drop, date and value;
(d) Date of bag replacements;
(e) Date and nature of any system repairs; and
(f) Annual amount of cement kiln dust received and batched in tons.
[District Regulation XIII - NSR; Periodic Monitoring]