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

C000544

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:
ELECTROSTATIC PRECIPITATOR (ESP)/CYCLONES consisting of: Collects particulate matter from three Bleachers from Soda Ash Production Lines Nos. 1, 2, and 3 with the following specifications: Cyclones: Stansteel Cyclones, 2 in parallel to each bleacher, 63" dia x 80" ESP: Research-Cottrell, 272 kVA; Exhaust Fan: 500 hp (spared); Gas temperature: approximately 600 degrees F

CONDITIONS:

1. This equipment shall be operated/maintained in strict accord with the recommendations of the manufacturer/supplier and/or sound engineering principles.
[District Rule 204]

2. This equipment shall be operated while one of the bleachers on Soda Ash Production Lines 1, 2, and 3 is fired (District permits B000537, B000538, and B000547, respectively).
[District Rule 204]

3. Only one exhaust fan shall be operated on the ESP at a time.
[District Rule 204]

Fee Schedule: 7 (h)	Rating: 1 device	SIC: 1474	SCC: 30102113	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

4. The maintenance/inspection program shall be in accordance with the manufacturer's recommendations and/or sound engineering principles.
[District Rule 204]

5. 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 personnel upon request:
(a) Daily secondary voltage and current readings (date and value);
(b) Monthly exhaust stack observation date and result (using USEPA Method 22, and USEPA Method 9 when visible emissions are detected), as outlined in condition 10;
(c) Annual inspection of ESP voltage and currents (date and results);
(d) Date and nature of any repairs made, and
(e) Date of any excursion, a description of corrective action, and proof of reporting as required by condition 9.
[District Rule 204; 40 CFR 64]

6. The owner/operator shall conduct compliance tests at least once every twelve (12) months relative to District Rules 404 and 405, and for PM10 at a 0.85 fraction (lb/ton of throughput), NOx (lb/hr and lb/ton of throughput), VOC (lb/hr and lb/ton of throughput), and SOx (lb/hr and lb/ton of throughput).

The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source 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/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance/source test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov
[District Rules 404, 405, and 1303(B)]

7. This equipment shall not emit to the atmosphere pollutants in excess of the following limits (compliance with this condition shall be demonstrated with annual source test results and annual production records):
(a) 49.3 tons of NOx per year
(b) 2.5 tons of VOC per year
(c) 600 lbs of SOx per year
[District Rule 1303(B)]

8. This equipment, and the equipment covered by the following valid permits, shall not emit to the atmosphere PM10 (at a 0.85 fraction of TSP) in excess of 115 tons per year combined (verified through source tests and production records on a rolling twelve month summary basis): C000126, C000127, C000527, C000529, C000532, C000533, C000539, C000543, C000544, C000545, C000548, C000549, C000552, C000553, C000556, C002354, C002355, C003533, C003534, C003667, C003668, C003669, C003670, C003673, C003675, C003676, C003677, C004542, C004543, C004544.
[District Rule 1303(B) - Offsets]

9. The pollutant-specific emissions units (B000537, B000538, and B000547), for which this ESP controls is subject to the requirements of Compliance Assurance Monitoring (CAM) of 40 CFR 64. As such this permit unit must be in compliance with an approved CAM Plan. An excursion of the CAM Plan is defined as secondary power less than 33.75 kW; and/or, the presence of visible emissions, as demonstrated by condition 10. Any excursion of the CAM Plan requires the owner operator to do the following:
(a) Inspect the affected equipment,
(b) Initiate a corrective action, within 24 hours; and,
(c) Report/Document the excursion in the log book required under condition 5.
[40 CFR 64.7(d)]

10. The owner/operator must conduct daily 6-minute visible emissions inspections using EPA Method 22. The Method 22 test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner/operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner/operator must record each Method 22 test, including the date and any corrective actions taken, in the logbook required under condition 5.
[40 CFR 64.7(a)]