MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT B005188

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: AUGUST 2027

OWNER OF OPERATOR (Co.#3254)

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

EQUIPMENT LOCATION (Fac.#7)

SVM - West End Plant
80201 Trona Road
Trona, CA 93562

Description:
COOLING TOWER - SULFATE NUMBER 2 consisting of: Evapco mfg cooling tower (6 cell) with a design drift rate of 0.001% and a circulation rate of 2400 gpm. This tower functions as an ammonia condenser for the sulfate refrigeration process. Equipment associated with the cooling tower is:

EQUIPMENT

Capacity	Equipment Description
90	Exhaust Fans, six (6) @ 15 hp each
15	Water Circulation Pumps, two (2) @ 7.5 hp each

CONDITIONS:

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

Fee Schedule: 1 (b) | Rating: 105 bhp | SIC: 1474 | SCC: 38500101 | Location/UTM(Km): 464E/3951N

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

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

3. The drift rate shall not exceed 0.0035 percent based on the maximum circulation rate of 1800 gpm. The maximum PM and PM10 emission rates shall not exceed 1.35 and 0.92 lb/hr respectively.
[District Regulation XIII - NSR]

4. Weekly tests of the blowdown water quality shall be performed by the owner/operator in accordance with standard test procedures. Results of these weekly tests, including mass emission rate, shall be logged and maintained on site for a minimum of five (5) years and provided to District, state or federal personnel upon request.
[District Regulation XIII - NSR]

5. This equipment does not require a regularly scheduled emission compliance test; however, testing may be required at the discretion of the District.
[District Regulation - NSR]

6. A maintenance procedure shall be established that states how often and what procedures will be used to ensure the integrity of the drift eliminators. This procedure is to be kept on-site and be available to District, state or federal personnel upon request.
[District Rule 204]