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

B001920

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:
COOLING TOWER consisting of: a Marley cooling tower with design circulation rate of 32,000 gallons per minute.

EQUIPMENT

Capacity	Equipment Description
600	Exhaust Fans, Four (4) @ 150 HP each
400	Utility Circulating Pumps, two (2) @ 200 HP each
2000	Process Circulating Pumps, two (2) @ 1,000 HP each
0	Process Circulating Pump, Spare, one (1) @ 1,500 HP

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]

Fee Schedule: 1 (d) | Rating: 3000 bhp | SIC: 1474 | SCC: 38500101 | 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

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. Weekly tests of the blowdown water quality shall be performed by the owner/operator in accordance with the standard test procedures. Based on these tests, a drift rate of 0.0015%, which was the measured drift rate in 1990 and a PM10 fraction of 94.8% that was measured in 1990, the mass emission rates for PM and PM10 shall not exceed 13.71 and 13.00 lbs/hr respectively.
[District Rule 1303(A) - BACT]

4. The drift rate of this cooling tower shall not exceed 0.002 percent with a maximum circulation rate of 32,000 gallons per minute.
[District Rule 1303(A) - BACT]

5. While this equipment does not require a regularly scheduled emission compliance test, emission compliance testing may be required at the discretion of the District.
[District Rule 204]

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]

7. The owner/operator shall maintain a log which, as a minimum, contains the following:
(a) Date blow down water quality test was performed,
(b) Concentration of PM and PM10,
(c) Circulation Flow rate, and
(d) Mass emission rate of PM and PM10(lb/hr)
[District Rule 204]

8. This log shall be maintained on site for a minimum of five (5) years and be provided to District, state or federal personnel upon request.
[District Rule 204]