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

B000221

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: 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:
SODIUM SULFATE B PROCESS (TRAIN 1) consisting of: Drying, screening and processing equipment, some of which is common with Train 2 but is rated on this permit. Horsepower have been converted to Btu assuming 2550 Btu per horsepower.

EQUIPMENT

Capacity	Equipment Description
15	Rotary Dryer Burner, Maxon Kinedizer, 15 MMBtu/hr & 30 Hp FD Fan
0.13	Rotary Dryer Drive Motor (50 hp)
0.02	Elevator, dryer discharge (7.5 hp)
0.01	Disintegrator (5 hp, common with Train 2)
0.04	Hammer Mill (15 hp, common with Train 2)
0	Four Tyler Screens with vibrating motors (common with Train 2)
0.01	Screw No. 1, No. 1 Dryer cyclone (5 hp, common with Train 2)
0.008	Screw No. 2, No. 2 Dryer cyclone (3 hp, common with Train 2)
0.02	Screw No. 3, Fines Cross (7.5 hp, common with Train 2)
0.02	Screw No. 4, Tyler screen feed (7.5 hp, common with Train 2)
0.01	Screw No. 5, Elevator discharge (5 hp, common with Train 2)
0.01	Screw No. 6, Product Selector (5 hp, common with Train 2)

Fee Schedule: 8 (e) Rating: 15410000 Btu SIC: 1474 SCC: 30590003 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

Capacity	Equipment Description
0.1	Four Belts plus a spare (42.5 total hp, common with train 2)
0	Storage Tanks Common to Trains 1 and 2
0	No. 1 = 53,650 cu ft/401,356 gallons
0	No. 2 = 128,220 cu ft/959,214 gallons
0	No. 3 = 128,220 cu ft/959,214 gallons
0	No. 4 = 17,340 cu ft/129,721 gallons
0	No. 5 = 149,800 cu ft/1,120,654 gallons

CONDITIONS:

1. The owner/operator shall operate and maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles.
[District Rule 204]

2. The owner/operator shall operate the equipment in this process concurrently with the scrubber and screen plant baghouse (District permits C000240 and C004431, respectively).
[District Rule 204]

3. The owner/operator shall comply with all rules and regulations of the District including, but not limited to, malfunction/breakdown notifications.
[District Rule 204]

4. The owner/operator shall not produce more than 140,000 tons per year of product using this equipment, and shall log annual production amounts (in tons) to demonstrate compliance with this condition. This log shall be maintained current and onsite for five (5) years and shall be made available to District, state or federal personnel upon request.
[District Rule 204]