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

B004540

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:
DRYER SYSTEM consisting of: No. 2 Bicarbonate Fluidized Bed. NOTE: This process and control(s) are an affected facility under 40 CFR 60, Subpart OOO and commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008.

EQUIPMENT

Capacity	Equipment Description
0	Dryer, Bicarbonate Fluidized Bed - steam heated
0	Calciner, Bicarbonate Fluidized Bed
600	Fan, Bicarb Dryer Fluidizing
500	Fan, Bicarb Calciner Fluidizing
300	Fan, Bicarb Dryer ID
60	Screw, Bicarb Dryer Feed
40	Spreaders, Bicarb Dryer Feed (1 @ 15 hp & 1 @ 25 hp)
25	Elevator, Bicarb Recycle
3	Valve, Dryer Recycle Rotary
10	Crusher, Dryer Lump
1.5	Valve, Dryer Lump Rotary
0	Cyclones, Dryer (2)

Fee Schedule: 1 (d) Rating: 1769 bhp SIC: 1474 SCC: 30102199 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
6	Valves, Dryer Cyclone Rotary (4 @ 1.5 hp ea)
0	Scrubber, Bicarb Dryer
120	Pumps, Dryer Scrubber Water (2, one spare)
0	Scrubber, Calciner
30	Pumps, Calciner Scrubber Water (2, one spare)
15	Conveyor, Bicarb Collecting Drag
25	Conveyor, No. 1 Bleacher Bin
15	Pump, Condensate (2, one spare)
2	Conveyor, Calciner Fines Screw
1.5	Valve, Bicarb Calciner Discharge Rotary
5	Screw, Dryer Cyclone Fines
10	Screw, Dryer Recycle
0	The following are common with No.1 Bicarb Fluid Bed Dryer:
0	Conveyor, Bicarb Collecting
0	Conveyor, Light Ash Transfer No. 1
0	Conveyor, Light Ash Transfer No. 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. The owner/operator shall operate and maintain this equipment in strict accord to the recommendations of the manufacturer/supplier and/or sound engineering principles.
[District Rule 204]

3. This fluidized bed bicarbonate dryer system (No. 2) shall not be operated unless all conveyors and transfer points are completely covered.
[District Rules 401 and 403; Rules 404 and 405]

4. This bicarbonate fluidized bed dryer system (No. 2) shall not be operated unless vented to all the following functioning pollution control devices:
(a) Bicarb No. 2 Transfer Conveyor No. 1 Baghouse (C004542).
(b) Bicarb No. 2 Transfer Conveyor No. 2 Baghouse (C004543).
(c) Bicarb No. 2 Transfer Conveyor No. 3 Baghouse (C004544).
(d) Bicarb No. 1 Transfer Conveyor No. 1 Baghouse (C003668).
(e) Bicarb No. 1 Transfer Conveyor No. 2 Baghouse (C003669).
(f) Bicarb No. 1 Transfer Conveyor No. 3 Baghouse (C003670).
[District Rule 204]

5. This equipment (uncontrolled emission points) shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:
(a) Crusher - fifteen (15) percent (40 CFR 60.672(b) - Table 3)
(b) Transfer into initial feed hopper - twenty (20) percent (Rule 401)
(c) All other transfer points and fugitive emission points - ten (10) percent (40 CFR 60.672(b) - Table 3).
[District Rule 401; 40 CFR 60.672(b)]

6. If any transfer point on a conveyor belt or any other affected facility is enclosed in a building, then each enclosed affected facility must comply with the opacity limit in condition 5(c) above, or the building enclosing the affected facility or facilities must comply with the

following emission limits:
(a) Fugitive emissions from the building openings (except for vents as defined in subsection 60.671) must not exceed seven (7) percent opacity; and
(b) Vents (as defined in subsection 60.671) in the building must meet the applicable stack emission limits and compliance requirements in Table 2 of 40 CFR 60 Subpart OOO.
[40 CFR 60.672(e)]

7. This equipment shall be operated in compliance with 40 CFR 60 Subpart OOO - Standard of Performance for Nonmetallic Mineral Processing Plants.
[40 CFR 60, Subparts A and OOO]