



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

T014998

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: JUNE 2026

OWNER OF OPERATOR (Co.#2502)

Castle Mountain Venture
980 American Pacific Dr., Suite 102
Henderson, NV 89014

EQUIPMENT LOCATION (Fac.#3896)

Castle Mountain Mine
115575 Hart Mine Road
Ivanpah, CA 92364

Description:

AGGLOMERATION CEMENT METERING SILO SYSTEM #2 consisting of: Agglomeration Plan Equipment

EQUIPMENT

Capacity	Equipment Description
0	Cement Metering Silo, 4,421 cuft
0	Cement Metering Silo Bin Vent, Manufactured by WAM USA Inc., Model Silotop Zero, 264 sq. ft., 7 filter cartridges (each 16.7" x 36.5"), 1500 acfm.
0	Cement Metering Silo Screw Conveyor
3	Cement Metering Silo Screw Conveyor Motor
0	Cement Metering Silo Mounting Skid
0	Cement Metering Silo Fill Hose (30' L x 3" D)
0	Cement Metering Silo Rotary Valve
0.75	Cement Metering Silo Rotary Valve Motor
0	Cement Metering Silo Control Panel
0	Cement Metering Silo Weigh Scale

CONDITIONS:

Fee Schedule: 5 (b)

Rating: 33069 gallons

SIC: 1041

SCC: 30501107

Location/UTM(Km):
672E/3905N

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.

Castle Mountain Venture
980 American Pacific Dr.

Henderson, NV 89014

By: **COPY**

Eldon Heaston
Air Pollution Control Officer

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 1302]

2. Cement shall not be added to the silo unless the silo is vented to a properly functioning bin vent.

[District Rule 401 and 1302]

3. The owner/operator shall comply with all applicable rules and regulations of the District. Applicable rules include, but are not limited to the following: 401-Visible Emissions, 402-Nuisance, 403-Fugitive Dust Control, and 430-Breakdowns.

[District Regulation IV]

4. The combined throughput to equipment under District Permits T014394 and T014998 shall not exceed 18,750 tons per year.

[District Rule 1302]

5. A facility log must be maintained on-site for at least five (5) years and made available to District personnel upon request. This log shall contain, as a minimum:

- a. Total tons of cement added to the cement silo per month and per each consecutive twelve-month period;
- b. Semi-annual inspection of the bin vent enclosure and cartridge filters, including dates and any corrective actions taken; and
- c. Date and nature of any system repairs.

[District Rules 204 and 1302]

6. The transfer of cement at the metering silo screw conveyor transfer point must be controlled using either shrouding or enclosure.

[District Rule 1302]

7. Owner/operator of this facility shall obtain and maintain a District-approved Dust Control Plan as set forth by the requirements of District Rule 403.

8. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]