



## 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

T014394

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: JUNE 2024**

#### 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 #1 consisting of: Agglomeration Plan Equipment

#### EQUIPMENT

Capacity	Equipment Description
30.67	340-BN-001 Cement Guppy, Viking, 4100 cuft (30,670 gallons)
0	Cement Guppy Blower, 50 hp
5.984	340-BN-003 GBI Portable Cement Metering Silo, 800 cuft (5,984 gallons)
0	340-BN-003 DC1 Cement Metering Silo Bin Vent, Sly Mfg. Model CF-2-3-SB, 480 sq. ft., 6 filter cartridges (36"L), 1000 cfm
0	340-BN-003-CV1 Cement Metering Silo Screw Conveyor
0	340-BN-003-M1 Cement Metering Silo Screw Conveyor Motor
0	340-BN-003-MS1 Cement Metering Silo Discharge Activator
0	340-BN-003-M3 Cement Metering Silo Discharge Activator Motor
0	340-BN-003-MS2 Cement Metering Silo Mounting Skid
0	340-BN-003-MS3 Cement Metering Silo Fill Hose
0	340-BN-003-RV1 Cement Metering Silo Rotary Valve
0	340-BN-003-M2 Cement Metering Silo Rotary Valve Motor
0	340-BN-003-CP1 Cement Metering Silo Control Panel

Fee Schedule: 5 (b)

Rating: 36654 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**  
**Brad Poiriez**  
Air Pollution Control Officer

Capacity	Equipment Description
0	340-BN-003-SC1 Cement Metering Silo Weigh Scale

## CONDITIONS:

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 guppy and/or silo unless the guppy and/or silo are vented to a properly functioning bin vent.

[District Rule 1302 and 401]

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 guppy and 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]