



# 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

T013379

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 2025

#### 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:

PEBBLE CaO SILO consisting of: Diversified Storage Systems 4100 cuft capacity (26,357 gallons) The Pebble CaO Silo holds calcium oxide (also known as "quicklime"). Lime is delivered to the silo for storage, then dispersed into haul trucks for transport to the ore pad.

#### EQUIPMENT

Capacity	Equipment Description
26357	Silo, 26,357 gallon capacity
0	Screw Conveyor, 40 HP
0	Truck Loadout
0	Bin Activator
0	Pebble CaO Feeder, 2 HP
0	Silo Air Compressor, 15 HP

#### 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]

Fee Schedule: 5 (b)

Rating: 26357 gallons

SIC: 1041

SCC: 30501613

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

2. Calcium oxide ("quicklime") may not be added to this silo unless the binvent is properly functioning.  
[District Rule 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, 402, 403, and 430.

4. The throughput to this equipment shall not exceed 18,750 tons per year.  
[District Rule 1302]

5. The owner/operator shall conduct a minimum program of inspection and maintenance on this equipment. The owner/operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Monthly truck loadout observation date and result (using USEPA Method 22, and USEPA Method 9 if a Method 22 detects opacity);
- b. Date and nature of any system repairs; and
- c. Monthly total of material added to the silo.

[District Rule 1302; 401]

6. 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]