



**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**

T010620

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 2026**

**OWNER OF OPERATOR (Co.#1047)**

High Desert Power Project, LLC  
19000 Perimeter Road  
Victorville, CA 92394

**EQUIPMENT LOCATION (Fac.#1849)**

High Desert Power Project  
19000 Perimeter Road  
Victorville, CA 92394

**Description:**

SILOS, BULK STORAGE consisting of: Two USFilter Zimpro Products Model T-1 bulk chemical handling station cylindrical silos (soda ash and hydrated lime), each 32' 11 1/8" H and 12' diameter that are part of the cooling tower blowdown treatment system. Each silo is equipped with a passive bin vent containing 125 square feet of bag filters that handle a maximum of 500 cfm of pneumatic loading flow (for an air to cloth ratio of 4:1).

**EQUIPMENT**

Capacity	Equipment Description
12.857	Bulk Storage Silo, Hydrated Lime (2000 cubic feet, 12,857 gallon)
12.857	Bulk Storage Silo, Soda Ash (2000 cubic feet, 12,857 gallon)

**CONDITIONS:**

- The owner/operator shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.  
[District Rule 1302(C)(2)(a)]

Fee Schedule: 5 (b)

Rating: 25714 gallons

SIC: 4911

SCC: 38500102

Location/UTM(Km):  
473E/3820N

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.

High Desert Power Project, LLC  
ATTN: Accounts Payable  
  
Victorville, CA 92394

By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

2. This equipment shall not be operated unless it is vented through dedicated bin vents when accepting pneumatic fill.  
[District Rule 1303(A)]

3. 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 two (2) years a log of the following information, which shall be provided to District personnel upon request:

(a) Monthly (or less frequently if observed for every pneumatic fill) binvent stack observation data and result (using USEPA Method 22, and USEPA Method 9 if necessary);

(b) Annual bag and bag suspension system inspection date and results;

(c) Date of bag replacements.

(d) Date and nature of any system repairs.

[District Rules 1302(B)(1)(a) and 1303]

4. The bin vents shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.  
[District Rule 401]

5. The bin vent shall discharge no more than 0.04 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rule 1303(A)]

6. The owner/operator shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[District Rule 1303(A) and Regulation IV]

7. 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]