



**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**

B003145

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: NOVEMBER 2026**

**OWNER OF OPERATOR (Co.#88)**

NAWS  
429 E Bowen Road - Stop 4014  
China Lake, CA 93555-6108

**EQUIPMENT LOCATION (Fac.#567)**

NAWCWD Test Stands  
429 E Bowen Road - Stop 4014  
China Lake, CA 935556108

**Description:**

GRINDING/MILLING SYSTEM (SALT WELLS BLDG 15754) consisting of: Mill #1 is a model TBD, Serial Number 96906, with a maximum capacity of 20 gallons, Mill #2 is a model M-785, Serial Number 78M-1186-6, with a maximum capacity of 5 gallons, and Mill #3 is a model M-185, Serial Number 18M-1270-3, with a maximum capacity of 1 gallon. These fluid mills use phenolic beads with an ethanol/water mixture used as a lubricant to grind explosives or other materials for research and development. Ethanol emissions are controlled by using tight fitting covers on storage containers and controlled processing of waste ethanol.

**CONDITIONS:**

1. This equipment shall be installed, operated and maintained in strict accordance 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 204]
2. This equipment shall only be used to grind explosives or other material for research and development. [District Rule 204]
3. The owner/operator shall maintain an operations log for this equipment current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below :

Fee Schedule: 7 (i)	Rating: 1 device	SIC: 9711	SCC: 30180001	Location/UTM(Km): 450E/3946N
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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.

NAWS  
Environmental Management Division  
China Lake, CA 93555-6108

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

- (a) Date, time, and duration of each use; and
  - (b) Type and amount of material processed.
- [District Rule 204; 40 CFR 70.6(a)(3)(ii)(b)]

4. This system shall operate only one grinding mill at a time.  
[District Rule 204]

5. A facility wide Comprehensive Emission Inventory (CEI) Plan and Report 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]