



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

B003141

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:

GRINDER/MILL SYSTEM (BLDG 15730) consisting of: A Grinding subsystem made by Micropulvizer Manufacturing Works, model 1SH, capable of processing up to 100 lbs of material per batch, with each batch taking up to three hours to process. Nominal production rate is approximately three batches per two week period; and, a Milling subsystem made by Trost, Inc., model TX-2147 Fluid Energy Mill, capable of processing up to 50 lbs of material per batch, with each batch taking up to one hour to process. Both subsystems operate in a closed, sealed room and are vented to a dust collector capable of capturing 99.6% of particulate matter of 30 microns aerodynamic diameter and less which is used for safety reasons and not for air pollution control purposes. The primary purpose of these subsystems is to size energetic materials to 18 or 24 microns for research and development.

EQUIPMENT

Capacity	Equipment Description
5	Drive Screw motor
0.25	Feed Screw motor

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.

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 9711

SCC: 30180001

Location/UTM(Km):
450E/3946N

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

[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 :

(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. 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]