



**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**

C009072

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:**

BURN ROOM, FIRE SCIENCES LAB (BLDG 31600) consisting of: A Venturi Scrubber with a high velocity throat section to quench hot gases and remove particulates, and a mist eliminator to remove liquid droplets. This system vents gases from A 30' x 30' x 24'h concrete room with drainage. Airflow through the system is generated by a 19,000 cfm fan powered by a 125 hp 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. [District Rule 204; 40 CFR 63.6640(a)]
2. This system shall be used whenever there is any material being burned in the room. [District Rule 204]
3. Burn Room operations shall be restricted to the following rolling consecutive 12-month period limits (rolling annual limit) unless a specific test plan is approved in advance by the APCO:
  - (a) Class A (cellulose materials): 9,000 pounds
  - (b) Class B (petroleum based liquid fuels/JP-8): 1,000 gallons
  - (c) Class C (electrical): none

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 9711

SCC: 50100601

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

(d) Class D (flammable metals): 1,000 pounds  
[District Rule 204]

4. 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 of each use; and

(b) Type of material(s) used; and

(c) Amount of each material used.

[District Rule 204; 40 CFR 70.6(a)(3)(ii)(b)]

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]