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

B001071

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:
ROCKET TEST STAND (SKYTOP BAY IX) consisting of: A static test stand used to test Rocket motors fired by solid propellants up to a maximum of 130,000 lb and capable of being rotated to zero degrees (horizontal), 45 degrees vertical, 85 degrees vertical, and 90 degrees vertical (nozzle down). This unit was constructed in 1985 and includes a moveable assembly building equipped with a temperature conditioning system, a 65 ton capacity gantry crane, and a 6 ton capacity gantry crane. . This rocket test stand is only used for the purpose of Department of Defense Research, Development, Testing and Evaluation (RDT&E).

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 test stand shall be limited to the use of solid propellant rocket motors.
[District Rule 204]

Fee Schedule: 7 (i)	Rating: 1 device	SIC: 9711	SCC: 20400201	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**
Brad Poiriez
Executive Director

UNOFFICIAL

3. The maximum amount of solid propellant which shall be used on this stand in any 24-hour period from midnight to midnight is 130,000 pounds.
[District Rule 204]

4. The maximum amount of solid propellant which shall be used in any one test is 130,000 pounds.
[District Rule 204]

5. The maximum number of large rocket motor tests (tests where the rocket motor is fired using more than 10,000 pounds of solid propellant) that can be conducted in any 24-hour period from midnight to midnight is one (1).
[District Rule 204]

6. The maximum number of test stands at the Skytop and LTC Areas (Permits B001065 through B001072, B004091 and B011470) that can be used for large rocket motor tests in any 24-hour period from midnight to midnight is one (1).
[District Rule 204]

7. The meteorological conditions that are required for a test firing are as follows:
(a) The maximum wind speed from any and all directions shall be less than 30 mph.
[District Rule 204]

8. The owner/operator shall maintain an operations log for this equipment/process 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) Test Bay number and/or District Permit number;
(b) Date and time of test;
(c) Amount, in pounds, of propellant used in each test; and
(d) Wind speed before each test.
[District Rule 204; 40 CFR 70.6(a)(3)(ii)(b)]

9. No more than one test shall be permitted at the Skytop and LTC Areas within an interval such that measurable exposure from one test is added to the emissions from other tests or other activities emitting significant pollutants.
[District Rule 204]

10. 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]