



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

I009100

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:

TEST STAND, SKYTOP ENERGETICS DETONATION SITE (SEDS) consisting of: A cook-off and heating test site used to determine the reaction of ordnance exposed to fire or when impacted by a projectile. The ordnance may be wrapped in fiberglass to better simulate a slow cook-off. This site was built in the 1960s with four 20-35 foot by 20-35 foot test pads.

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. The maximum combined amount of energetic material which shall be tested at the sites with valid District permits I003131, I001063, I001064, and I009100 during any rolling consecutive 24 hour period is 13,000 lbs. [District Rule 204]
3. The maximum volumes of fuel burned, or any combination of fuel, at the sites with valid District permits I001063, I001064, I003131 and I009100 during any rolling consecutive 24-hour period shall not exceed 15,900 gallons of aviation fuel, gasoline, and propane. The total amount of each fuel burned shall not exceed 5,657,500 gallons of aviation fuel, 109,500 gallons of propane, and 36,500 gallons of gasoline annually.

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**
Eldon Heaston
Air Pollution Control Officer

[District Rule 204]

4. 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]

5. 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 Plan number and/or District Permit number;

(b) Date, start time, and duration of each test;

(c) Weight of ordnance tested, in pounds;

(d) Type and amount, in gallons, of fuel(s) burned in each test; and

(e) Wind speed before each test.

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

6. No more than one test shall be permitted at the sites with valid District permits I001063, I001064, I003131 and I009100 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]

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]