



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT

B014872

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

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.#4653)

NAWCWD Research and Development
429 E Bowen Road - Stop 4014
China Lake, CA 93555

Description:

ASPHALT MACHINE (SWPL, WARHEAD CASING OPERATIONS, P1920) consisting of: An asphalt machine designed to heat, melt and process asphalt pucks for the purpose of filling warheads for research and development. This machine consists of a 350-gallon main tank, material loading elevator conveyor, pump (rated 1 hp), electric heater (rated 0.1 MMBtu), a 60 gallon sealed distribution tank, and interconnected plumbing and piping.

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 asphalt machine shall only be used to heat, melt and process asphalt pucks.
[District Rule 204]
3. This asphalt machine shall be limited to processing no more than 6,448 pounds of asphalt per year.
[District Rules 204 and 1303]

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 8734

SCC: 30901604

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

4. The temperature of the material processed or stored in the asphalt mixing and distribution tanks shall not exceed 350 degrees Fahrenheit.

[District Rule 1303]

5. 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 and amount of asphalt processed, in pounds; and

(b) Monthly amount of asphalt processed, in pounds.

The logs shall be maintained current, on-site for a minimum of five (5) years, and made available to District personnel upon request.

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

6. This facility has elected to voluntarily limit its emissions to the extent that this facility is no longer subject to the provisions of Regulation XII - Federal Operating Permits [District Rule 221(B)]. As such, the facility-wide emissions must be less than the following limitations in each calendar year:

(a) 80 tons per year of Carbon Monoxide (CO)

(b) 25 tons per year of Oxides of Nitrogen (NOx) [More stringent limit is offset based]

(c) 25 tons per year of Volatile Organic Compounds (VOC) [More stringent limit is offset based]

(d) 15 tons per year of Particulate Matter of 10 microns or less (PM10) [More stringent limit is offset based]

(e) 10 tons per year of Hydrogen Sulfide (H2S) [More stringent limit is offset based]

(f) 25 tons per year of Oxides of Sulfur (SOx)

(g) 0.5 tons per year of Lead (Pb)

(h) 8 tons per year of any single Hazardous Air Pollutant (HAP)

(i) 20 tons per year of any combination of HAP

Compliance with these emission limitations must be verified by pollutant-specific emission summaries for each calendar year. These emission summaries must be retained on-site for a minimum of five (5) years; and, must be made available for review upon request by District, State, and/or Federal personnel.

[District Rules 221(B), 1201(S) and 1303(B) - basis: offsets for NOx, VOC, PM10 and H2S only]

For the purposes of implementation of the Title I (Part D) Nonattainment New Source Review (nonattainment NSR), Title I (Part C) Prevention of Significant Deterioration (PSD), and Title V Operating Permit Programs under the Clean Air Act, Facility refers to a stationary source, or group of stationary sources that are located on one or more contiguous or adjacent properties that are owned, operated, supervised, or controlled by one or more Department of Defense (DoD) component(s) that were disaggregated during the course of major source determination(s), based upon appropriate industrial groupings and support facility relationships. Compliance with these limits shall be demonstrated through the submission of an installation-wide Comprehensive Emission Inventory (CEI) for all emitted regulated air pollutants or any pollutant listed under section 112(b) of the Clean Air Act (including 12 month emissions summary). Exceedance of these emission limits may trigger offsets, BACT, and/or require submission of a Title V permit application. [District Rules 1302 and 1303, 40 CFR 51.165, 40 CFR 52.21(b), 40 CFR 70.2 and "Major Source Determinations for Military Installations under the Air Toxics, New Source Review, and Title V Operating Permit Programs of the Clean Air Act," memorandum from John S. Seitz, Director, Office of Air Quality Planning and Standards, (August 2, 1996)]

7. A Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants located at this military installation (including, but not limited to, MDAQMD Facility nos. 567, 4650, 4651, 4652 and 4653) must be submitted to the District, in a format approved by the District, upon District request. For the purposes of CEI, Facility is defined as every structure, appurtenance, installation, and improvement on land which is associated with a source of air releases or potential air releases of a hazardous material.

[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]