



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

C003398

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:

NEGATIVE AIR MACHINE, PORTABLE consisting of: An Aeroclean model ECONO 2000, unit ID number 3. This equipment has three separate filters: a. A polyester primary pre-filter to keep the secondary pre-filter from being easily clogged with large flakes and chips; b. A polyester/cotton secondary pre-filter with a 90% removal efficiency for particles with an aerodynamic diameter of 10 microns and larger; and c. A certified HEPA filter with a 99.97% removal efficiency for particles with an aerodynamic diameter of 0.3 microns and larger.

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 air 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. After each abatement use, this equipment must be emptied and cleaned within a negative air enclosure, and filters and waste collected with this equipment must be disposed as friable asbestos waste. [District Rule 204; 40 CFR 61, Subpart M]
3. The HEPA filters used in the HEPA Negative Air Machine shall be certified by the manufacturer to have a minimum control efficiency of 99.97% on 0.3 micron particles when tested in accordance with IEST-RP-CC007.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 9711

SCC: 50200901

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 Rules 204; 40 CFR 61.152(b)(2)]

4. During full containment projects, viewing ports shall be provided for inspection purposes. The viewing port dimensions shall be at least 18 inches square and the bottom of the port shall be at least 3 feet from floor level.

[District Rule 204]

5. During full containment projects, viewing ports shall be sufficient in number to allow observation of all stripping and removal operations from outside the containment area.

[District Rule 204]

6. During full containment projects, a mechanical gauge shall be installed so as to indicate, in inches of water column, the pressure differential between the containment area and the outside. The mechanical gauge shall be located in a manner that will allow an observer to easily monitor the differential pressure from outside the containment.

[District Rule 204; OSHA 29 CFR 1926.1101]

7. During full containment projects, the owner/operator shall maintain negative pressure of 0.02 inches of water gauge minimum in the work area to prevent contaminants from escaping the containment barriers and to ensure that the negative air machine airflow is adequate.

[OSHA 29 CFR 1926.1101]

8. The total combined operating hours for all Negative Air Machines operated at this facility shall not exceed 26,000 hours in any rolling consecutive 12-month period.

[District Rule 204]

9. 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) Beginning and ending hour meter readings for each day's use.

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

10. This unit may, at the discretion of the owner/operator, be used on any commercial asbestos abatement project for a demolition or renovation pursuant to 40 CFR 61, Subpart M - National Emission Standard for Asbestos if the project is properly notified to the District. Proper notification must be consistent with 40 CFR 61, Subpart M, a minimum of ten (10) working days prior to commencement and sent to asbestos@mdaqmd.ca.gov.

[40 CFR 61, Subpart M]

11. Any project containing Regulated Asbestos Containing Material (RACM) shall have onsite at least one trained operator as specified in 40 CFR 61.145(c)(8) during the removal of RACM. Evidence of such training shall be presented to District personnel upon request.

[40 CFR 61, Subpart M]

12. This equipment and all operations pertaining to the use of this equipment are subject to the requirements of the National Emission Standard for Hazardous Air Pollutants, Subpart M - NESHAP for Asbestos (40 CFR 61, Subpart M).

13. This unit shall not operate within 1000 feet of the outer boundary of any K-12 school. Proposed operations inside this boundary may require Public Noticing and or additional equipment restrictions. Therefore, any project proposed inside this boundary will require the submittal of a new application to revise this permit to operate. This is required to ensure compliance with the applicable requirements of the California Health and Safety Code Section 42301.6.

[H&S Code 42301.6]

14. 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]