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

C012673

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: DECEMBER 2026

OWNER OF OPERATOR (Co.#1658)

Alliance Environmental Group
777 N. Georgia Ave.
Azusa, CA 91702

EQUIPMENT LOCATION (Fac.#2807)

Alliance Environmental Group
District Wide
MDAQMD, CA 92392

Description:
NEGATIVE AIR MACHINE consisting of: Aerospace America Model 9143, Serial # 1185-16 with primary and secondary filters; 3 filters: 1st Stage - 24" X 24" Pre-Filter, 2nd Stage - 24" X 24" X 1" Ring Panel, 3rd Stage - 24" X24' X 11-7/8" H.E.P.A. Filter; Flow Rate = 2000 scfm

CONDITIONS:

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below. [Rule 204]

2. This equipment shall be properly maintained and kept in good operating condition at all times. [Rule 204]

3. Dust collected in the Negative Air Machine shall only be discharged into containers which shall be maintained closed after the disposal of dust from this equipment. [OSHA 29 CFR 1910.147]

4. The HEPA filters used in the Negative Air Machine shall be certified by the manufacturer to have a minimum control efficiency of 99.97% on 0.3 micron particles. [OSHA 29 CFR 1910.147]

Fee Schedule: 7 (a)	Rating: 1 device	SIC: 1795	SCC: 31100202	Location/UTM(Km): 473E/3956N

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.

Alliance Environmental Group
777 N. Georgia Ave.
Azusa, CA 91702

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

5. During full containment projects, view ports shall be provided for inspection purposes. The view port dimensions shall be at least 18 inches square and the bottom of said port no less than 3 to 4 feet from the floor level. [Rule 204]

6. Viewing ports shall be sufficient in number to allow observation of all stripping and removal operations. [Rule 204]

7. A pressure gauge shall be installed and maintained on the negative air machine to indicate, in inches of water column, the pressure differential across the HEPA filter. The pressure differential across the filter shall be recorded at the beginning of each day of use and immediately after any filter change. The pressure differential shall be checked periodically and the pressure differential shall not be less than the initial reading (reading at the beginning of each day of use or reading after any filter change). In the event that the pressure differential is less than the initial reading, the negative air machine shall be turned-off and shall be checked for leakage and rupture of the HEPA filter. The unit is designed to maintain a pressure of 1.7 to 2.0 inches of water column through clean filters. Per the manufacturer's specifications, if the pressure rises above 3.0 inches of water column, the HEPA filter shall be changed immediately. [Rule 204; OSHA 29 CFR 1910.147]

8. A mechanical gauge shall be installed so as to indicate, in inches of water column, the pressure differential between the containment 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. [Rule 204; OSHA 29 CFR 1910.147]

9. 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 1910.147]

10. The Executive Officer or his representative shall be notified and a written approval shall be obtained prior to commencement of any abatement project is located within 1,000 feet from the outer boundary of a school. [District Rule 1520 - Control of Toxic Air Contaminants From Existing Source]

11. This equipment may be used for the removal of asbestos and materials containing small percentages of the Toxic Air Contaminants of lead, nickel, chromium or polychlorinated biphenyls (PCBs) [Rule 204]

12. Visible emissions shall not be discharged from any point on this equipment. [Rule 204; OSHA 29 CFR 1910.147]

13. Identification tag(s) or name plate(s) shall be displayed on this equipment to show manufacturer Model No. and Serial No. The tag(s) or name plate(s) shall be issued by the manufacturer and shall be affixed to the equipment in a permanent and conspicuous location. [OSHA 29 CFR 1910.147]

14. A log concerning the operation of this equipment shall be kept for a period of five (5) years. The last two years records shall be kept on site at the equipment operator's main office, and shall be made available upon request of District personnel. This log shall contain the following information:
a. The number of working hours per day;
b. Usage, materials abated, and reason for operation;
c. The date and time of each HEPA filter replacement;
d. A copy of the manufacturer's certification of efficiency for the HEPA filters. [OSHA 29 CFR 1910.147]

15. The hours of operation of this device shall not exceed 1000 hours per year when operated by itself. When this equipment is operated at the same site location the combined operating hours of all co-located negative air machines shall not exceed 1000 hours per year at any single job location. [Rule 1303; Rule 1520]

16. This facility shall not operate more than three Negative Air Machines and one HEPA Vacuum at the same time at any single site that located within 328 feet of the outer boundary of any Residential property. Also, the facility shall not operate more than seven Negative Air Machines and two HEPA Vacuum at the same time at any single site that located between 328 and 820 feet of the outer boundary of any Residential property. 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. [District Rule 1320 and 1520]