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 C015709

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: SEPTEMBER 2027

OWNER OF OPERATOR (Co.#3246)

CI Construction Services, LLC
9111 Rancho Drive
Cherry Valley, CA 92223

EQUIPMENT LOCATION (Fac.#4730)

CI Environmental Services
MDAQMD
Various Locations, CA 92392

Description:
NEGATIVE AIR MACHINE consisting of: Negative Air Machine manufactured by Omnitec Design; Model: OA2200; Serial Number: 32041; Control efficiency: 99.97 %; Air Flow: 2000 cfm high speed and 1000 cfm low speed; Powered by a 1.25 bhp. This unit is permitted to be used for both asbestos and lead abatement activities.

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 1320]

2. The activities associated with Lead Paint Abatement is regulated by EPA 40 CFR Part 745. In the event of conflict between these permit conditions and the EPA Regulation, the more stringent requirements shall govern. [District Rule 1302]

3. After each asbestos 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.

Fee Schedule: 7 (h)	Rating: 1 device	SIC: 1795	SCC: 50200901	Location/UTM(Km): 480E/3820N

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.

CI Construction Services, LLC
9111 Rancho Drive
Cherry Valley, CA 92223

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

[District Rule 1320; 40 CFR 61, Subpart M]

4. The HEPA filters used in this Air Filtration Device shall be certified by the manufacturer to have a minimum control efficiency of 99.97% on 0.3 micron particles.
[District Rules 204 and 1320; 40 CFR 61.152(b)(2)]

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.
[District Rule 204]

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

7. 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.
[District Rule 204; OSHA 29 CFR 1926.1101]

8. Owner/operator shall maintain a relative 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]

9. The combined operating hours of all co-located asbestos abatement HEPA Vacuum and Negative Air machines shall not exceed 600 hours per year when operated at any single demolition or renovation site (site).
[District Rule 1520]

10. The negative air machine shall be tested and checked for leakage and rupture after each HEPA filter change and prior to commencement of any abatement project. Filters shall be checked and changed in accordance with the manufacturer's recommendations, but not to exceed the following intervals:
a. The first stage shall be replaced or cleaned daily.
b. The second stage shall be replaced or cleaned when the pressure differential gauge reads above the manufacturer's maximum stated value or every week of use, whichever occurs first. Furthermore, the second stage filter shall be visually inspected each time the first stage filter is replaced or cleaned.
c. The HEPA filter shall be replaced when the pressure differential gauge reads above the manufacturer's maximum stated value, or every 1,000 hours of use, whichever occurs first.
[District Rules 1302 and 1320, Manufacturer's Maintenance Manual]

11. 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.
[District Rules 1302 and 1320; Manufacturer's Maintenance Manual]

12. The operator shall keep adequate records for this HEPA Fitration Device to verify:
a. The number of working hours per day involving asbestos removal for this unit;
b. Logs verifying compliance with condition 9, including the date and type of each filter replacement;
c. The date this unit first starts work at each work site; and
d. The date this unit completes work at each work site.
These records shall be maintained for a period of two (2) years and made available to District personnel upon request.
[District Rules 204 and 1302]

13. 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 and any Lead abatement project for a demolition or renovation pursuant to 40 CFR Part 745 if the project is properly notified to the District. Proper notification must be consistent with the above Subparts and include a minimum of ten (10) working days prior to commencement and sent to asbestos@mdaqmd.ca.gov.
[40 CFR 61, Subpart M and 40 CFR Part 745]

14. Any project containing Lead and 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 and specified in 40 CFR Part 745 during the removal of Lead. Evidence of training shall be presented to District personnel upon request.
[40 CFR 61, Subpart M and 40 CFR Part 745]

15. 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).

16. Exterior operations that utilize this device shall only occur during Calm Weather conditions so as to preclude Lead containing materials from blowing away from the immediate work area. Calm is defined as less than 1 mph of wind speed.
[District Rules 204 and 1302]

17. The health risk associated with Lead based Renovation, Repair and Painting (RRP) is based on the associated Lead containing emissions, as such, the owner/operator shall not remove more than 1-TON per hour of Lead containing material, on average, during their Demolition activities. A log shall be kept of the weight of material removed, which can be estimated by using wood density and estimated volume of material removed.
[District Rule 1302]

18. The following are required pursuant to EPA's Lead based Renovation, Repair and Painting (RRP) Program for Contractors:
a. All individuals performing activities that disturb painted surfaces on behalf of the firm are either certified renovators or have been trained by a certified renovator;
b. A certified renovator is assigned to each renovation and performs all of the certified renovator responsibilities;
c. All renovations performed by the firm are performed in accordance with the work practice standards of the RRP Program;
d. Pre-renovation education and lead pamphlet distribution requirements of the RRP Program are performed;
e. The program's recordkeeping requirements are met, and,
f. Weight of Wood demolished (shall not exceed 1-ton/hr yearly average, and not more than 8760 tons/year at any single location).

Documentation relating to these items shall be made available to District, State, or Federal personal upon request.
[District Rule 1302]

19. 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.
[District Rule 1302 and H&S Code 42301.6]

20. 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]