MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

C013700

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2020

OWNER OF OPERATOR (Co.#2573)

T3 Contractors Corp.
17130 Van Buren Blvd., Suite #53
Riverside, CA 92503

EQUIPMENT LOCATION (Fac.#3993)

T3 Contractors Corp.
Various Locations
MDAQMD, CA 92392

Description:
HEPA NEGATIVE AIR MACHINE consisting of: An Aerospace America model 9100 Negative Air Machine capable of flowing 2100 ACFM through a three stage filter system composed of a 24 inch x 24 inch first stage pre-filter, a 24 inch x 24 inch x 1 inch second stage Ring Panel, and a 24 inch x 24 inch x 11.825 inch third stage HEPA filter with a minimum capture efficiency of 99.97% at 0.3 microns. This unit is powered by a 1 bhp electric motor.

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. 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 1320; 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.
[District Rules 204 and 1320; 40 CFR 61.152(b)(2)]

Fee Schedule: 7 (h)	Rating: 1 device	SIC: 1795	SCC: 50200901	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.

T3 Contractors Corp.
17130 Van Buren Blvd., Suite #53
Riverside, CA 92504

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

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. 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. 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. 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 hours of operation of this device shall not exceed 1000 hours per year when operated at any single demolition or renovation site (site). The combined operating hours of all co-located asbestos abatement HEPA Vacuums and Negative Air machines shall not exceed 1000 hours per year when operated at any single demolition or renovation site (site).
[District Rule 1520]

9. 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]

10. 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 hourly 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]

11. The owner/operator shall keep adequate records for this negative air machine to verify:
a. The number of working hours per day involving asbestos removal for this machine;
b. The pressure gauge reading at the beginning of each day of use and after each change of HEPA filters, including the time and date of the reading;
c. A copy of the manufacturer's certification of efficiency for the HEPA filters;
d. The date, time, and type of each filter replacement; and
e. The date and time of each machine addition/replacement.
These records shall be maintained for a period of two (2) years and made available to District personnel upon request.
[District Rules 1302 and 1320]

12. 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]

13. 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]

14. 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).

15. 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]

16. 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]