

R.M. TECHNOLOGIES, INC. ASBESTOS ABATEMENT WORK PLAN

Project:

**Great Lowell Regional Vocational School – Consigli
RMT job #14-07**

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- A. R.M. Technologies, Inc. will coordinate with Consigli procedures for Asbestos removal scope of work identified in the asbestos Inspection Reports:**

Asbestos abatement will be performed throughout the school 2,400 square feet of transite panels and two blackboards. All ACM removal will be based on the items identified in the schedule provided by Universal Environmental Consultants.

Abatement

Description: Removal and disposal of asbestos shall be limited to the schedule provided in the specifications.

- Work will be performed in accordance with Federal, State, and Local Regulations.
- Work area will be isolated from the general public and other parts of the building.
- RMT will pre-clean areas and remove any visible debris.
- ACM removal will take place under full containment (three chamber decontamination unit including clean room, dirty room and shower), completely separate the work area from other portions of the building and the outside by closing openings with two sheet plastic barriers of 6 mil in thickness each with the exception of impervious walls and by sealing cracks leading out of work area with duct tape.
- Two layers of polyethylene sheeting will be placed on the floor and any walls not impacted by the abatement.
- One 2000 CFM HEPA negative pressure will be placed per classroom.
- Transite will be removed as intact as possible to minimize breakage and eliminate fibers.
- Warning signs will be posted around the work area.
- RMT will use amended water to reduce fiber release.

- ACM will be double bagged into 6-mil polyethylene bags, larger items may be wrapped into 2 layers of polyethylene sheeting. ACM waste material will be labeled as per various requirements including generator labels. Waste will be manifested and trucked to our facility where the waste will be placed into a closed asbestos waste trailer and disposed as asbestos waste. All waste will be manifested prior to shipment.
- The Area will be fine cleaned by HEPA Vacuuming and wet wiping as necessary.
- Secure visual and air clearances as required from owner's rep.

Prior to commencement of work RMT will submit a notification for DEP, Local Board of Health, Local Fire Department and other agencies at least ten (10) days before work commences on the project. All worker and contractor licenses will be onsite prior to work.

RMT will forward a copy of the completed notification copy to Consigli, Milford, MA.

B. SAFETY

The following work practices will also be utilized in the work area as additional required safety measures:

Our company promotes a safe workplace, free of accidents, by the use a safety meeting among the working crew every day before the start of the work day. Before the beginning of every work day our team will perform a safety meeting to discuss the day's tasks and goals and the safety measures to be taken to accomplish the day's goals safely. Meeting is documented on the job daily log. A weekly "Tool Box Talk" will take place on Fridays.

RMT will comply with Fire Prevention and Detection of Construction Environmental Health and Safety Standard, which specifically address fire protection during construction activities. See RMT Health and Safety Plan for Demolition and Abatement.

Personal Protection Equipment (PPE) and Use

Once the Pre-cleaning starts no one will enter the work area without wearing as a minimum the following personal protective equipment: ½ face respirator equipped with HEPA filters and fitted to each individual person, full body disposable suit equipped with a hood, safety glasses and hard hats. Laborers are further required to wear gloves and ear protection inside the work area.

Decontamination Process

Anyone who enters work area shall follow the following decontamination process to exit work area: Before entering Equipment room HEPA vacuum disposable suits thoroughly to ensure no visible ACM debris, proceed to equipment room and, without removing the respirator, remove safety glasses and hard hat and wet wipe and place inside the shower. Remove disposable suit and place in ACM bag for disposal. Proceed to walk into the shower wearing respirator, filters covered, or remove filters once in the shower and place HEPA filters inside ACM bag in the equipment room for disposal. Clean respirator, glasses, hardhat and finish showering thoroughly. Proceed to clean room, dry all equipment and finish dressing. Stow respirator into a protective bag for re-use.

Daily Containment Inspections

Our competent person and crew will inspect the containment for breaches and damages prior to the removal of any ACM on a daily basis. Any deficiencies are to be resolved before proceeding with any ACM removal activities.

RMT is responsible for immediately reporting any breach in containment to Consigli Project Manager and Owner's Representative Project Manager.

C. DISPOSAL

Waste Hauler: Service Transport, Inc.
58 Pyles Lane, New Castle, DE 19720

Disposal Facility: Minerva Landfill Enterprises-
900 Minerva Road, Waynesburg, OH 44688

Packaging:

- Material will be packed, sealed and labeled according to the regulations.
- All ACM material will be transported by Service Transport, Inc. to Minerva Landfill
- All waste shipments will be manifested as per regulations.

Waste is packaged as previously described. Waste materials will be moved to the equipment room or materials transfer room. Packages will be wet wipe and HEPA vacuumed inside equipment room before double bagging/wrapping. Once double bagging/wrapping is completed waste will be placed into the holding room or shower room area.

Container is inspected by the supervisor for correctness and is labeled for disposal per regulations and specifications. Packages are then moved into a clean area and transported to an enclosed trailer parked in an area designated by the GC outside of the building.

Our competent person will prepare a manifest in accordance with project protocols in preparation for the removal and pick up of the trailer by Service Transport Group. Service Transport Group will be hauling the ACM to its final destination (Minerva) as written on the last section of the manifest. Disposal manifests will be signed by the landfill and returned to the owner within 30 days of disposal

GENERATOR AND/OR HAULER REQUIREMENTS

The asbestos materials will be packaged in impermeable dust tight containers (i.e. six (6) mil plastic bags or double 6 mil poly film) All containers will be labeled in large legible letter:

DANGER -CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

D. AIR MONITORING

R.M. Technologies, Inc. will assume the responsibility of all OSHA required Personnel Monitoring. Personal air sampling shall be conducted daily during the abatement of asbestos and sent to a licensed facility for analysis.

E. Final Cleaning

R.M. Technologies, Inc. will remove all visible accumulations of asbestos material and debris. All surfaces within the Work Area will be cleaned to a condition of no visible debris. If the Project Monitor finds visible accumulations of dust or bulk asbestos containing materials in the work area, RMT will repeat the cleaning until the work area is in compliance.

The following close-out documents will be submitted to GC upon completion of the work as required under specification documents.