

**ASBESTOS SPECIALISTS, INC.**  
**PROJECT WORK PLAN**  
**MONTGOMERY COLLEGE TP/SS RESOURCE CENTER**  
**ASBESTOS REMOVAL**

The following asbestos-containing materials will be removed and disposed of using standard abatement techniques, as prescribed in the COMAR/OSHA/EPA regulations and BCPS specifications:

- Floor Tile Mastic: Remove approximately 1,300 SF of asbestos floor tile mastic from Corridor 192.
- Red Duct Sealant: Remove 50 SF of red asbestos duct sealant from the 2<sup>nd</sup> floor shaft.
- Fire Doors: Remove asbestos fire doors from throughout where indicated for removal.

**ABATEMENT PROCEDURES**

**PRE-ABATEMENT**

- A. Submit a NESHAP Notification to MDE and EPA Region III ten-working days prior to the start of abatement activities.
- B. Post the MDE asbestos notification sign on the entrances and exits to the building three days prior to the start of the project and remain in place until the final air samples are collected and determined to be below final clearance levels per EPA and MDE.
- C. All supervisors and workers will have received training to include accreditation under TSCA Title II, and respiratory protection. Each supervisor and worker will have received an annual physical and fit test. All supervisors and workers will have a Maryland Asbestos Abatement License.

**Engineering Controls**

- a. Shut down any HVAC systems affecting the asbestos work areas.
- b. The asbestos work areas will be sealed with critical barriers made of 6-mil poly sheeting, negative air machines, and 3-stage decons.
- c. The use of HEPA vacuums, wet methods, and prompt cleanup will be employed at all times.
- d. The required OSHA Danger Asbestos signs will be posted at the designated asbestos work areas.

**Worker Protection**

- a. The asbestos abatement workers will wear disposable hooded tyvek suits, eye protection, gloves, boots, half-face respirators with appropriate cartridges (NIOSH-approved P100 particulate filter 99.97% filter efficiency level effective against all particulate aerosols at a minimum), and other PPE as required during the abatement process.

**THE ABATEMENT PROCESS**

- A. The 3<sup>rd</sup>-party Industrial Hygienist (Advanced Air Analysis) will collect air samples inside and outside of the asbestos work areas for on-site analysis by PCM method.
- B. The asbestos-contaminated floor tiles will be removed by hand tools and the asbestos mastic will be removed using solvent remover and buffers.

- C. The asbestos flooring materials will be immediately placed in bags for removal from the work areas in order to keep asbestos debris from accumulating on the floor.
- D. The red duct sealant will be removed by cutting the metal duct where the red sealant is not present into manageable pieces that will then be wrapped in 6-mil poly sheeting and sealed with duct tape.
- E. Asbestos fire doors will be removed from the hinges, (any openings or penetrations will be sealed with duct tape), labeled and placed in the asbestos waste trailer.
- F. All waste bags will be cleaned, labeled and passed through the work area entrance directly into the covered truck for transportation to the asbestos waste trailer. The trailer will be lined with plastic and demarcated with required signage and locked at all times.

**POST ABATEMENT**

- A. After the asbestos materials have been removed, and accumulated waste has been removed from the work areas, the asbestos work area will be fine cleaned using HEPA vacuums and wet-wiping to remove any remaining traces of loose debris.
- B. At the completion of the fine cleaning of the asbestos work areas, the Asbestos Supervisor/Competent Person, then the 3<sup>rd</sup>-party Industrial Hygienist (Advanced Air Analysis) will perform visual inspections verifying that no visible dust remains. If the work areas pass visual inspection, a lock-down encapsulant (Fosters Protektor Sealant) will be applied to the remaining surfaces.
- C. Once the encapsulant has dried, the 3<sup>rd</sup>-party Industrial Hygienist (Advanced Air Analysis) will collect final clearance air samples for PCM analysis in accordance with the AHERA protocol for the clearances in each room.
- D. The certification of visual inspection and final air sampling for asbestos abatement form will be completed for the containment area.
- E. Once air samples have registered acceptable levels for re-occupancy (<0.01 f/cc), the critical barriers, poly containment, equipment, and other materials will be removed from the site.
- F. At the completion of waste removal from the site, the trailer will be removed by EA Logistical Services, Inc. USDOT# 3684796 following all US Department of Transportation and EPA requirements for labeling and transportation. The waste will be transported to Minerva landfill located in Waynesburg, Ohio 44688 OH EPA Permit# P-0104984.

**Personal Air Monitoring/Respiratory Protection**

- A. Personal air monitoring will be collected and analyzed by PCM method on site by the third-party Industrial Hygienist (Advanced Air Analysis).

**Abatement Schedule**

February 1 - 7, 2023: M-F 6am to 3pm

**Project Contact Information**

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**Attachments**

**SDS**

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