



## **Asbestos Abatement**

### **Work Plan Procedures / Requirements**

#### **For**

**Room A100 (Attached to Lobby), Grad Offices A102, 128,  
C120, C124, Offices/Rooms 212, 214/216, 218A, 221, and 227  
(Microbiome Neighborhood)**

**Emerson, Cherry L. Building (# 66)  
310 Ferst Drive, N.W.  
Atlanta, GA 30332**

Prepared For:

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151 6<sup>th</sup> Street, NW  
Atlanta, Georgia 30332

July 16, 2021



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**Work Plan  
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**Schedule of Asbestos-Containing Materials (ACM)  
And  
Specific Notes**

The following asbestos-containing materials (ACM) shall be removed / abated:

**Room A100 (Attached to Lobby)**

1. 9" x 9" Floor Tile and associated Mastic:  
Approximately 90 SF

**Grad Office A102**

1. 9" x 9" Floor Tile and associated Mastic:  
Approximately 180 SF
2. Transite-type Panel Wall:  
Approximately 90 SF

**Grad Office 128**

1. 9" x 9" Floor Tile and associated Mastic:  
Approximately 235 SF
2. Door Frame Caulk - 1 EA @ 8' x 3.5' (both sides):  
Approximately 39 LF
3. Paint on CMU Wall (4 walls):  
Approximate surface area - 580 SF

**Grad Office C120**

1. Transite-type Panel Wall:  
Approximately 224 SF

**Grad Office C124**

1. 9" x 9" Floor Tile and associated Mastic located under 12" x 12" Floor Tile:  
Approximately 215 SF
2. Transite-type Panel Wall:  
Approximately 112 SF

### **Room 212**

1. Door Frame Caulk - 2 EA @ 8' x 3.5' (both sides):  
Approximately 78 LF Total
2. Paint on CMU Wall:  
Approximate surface area – 280 SF

### **Room 214/216**

1. Door Frame Caulk - 2 EA @ 8' x 3.5' (both sides):  
Approximately 78 LF Total
2. Paint on CMU Wall:  
Approximate surface area – 300 SF

### **Office 218A**

1. Paint on CMU Wall (2 Walls):  
Approximate surface area - 225 SF

### **Office 221**

1. 9" x 9" Floor Tile and associated Mastic under Carpet:  
Approximately 95 SF
2. Door Frame Caulk - 1 EA @ 8' x 3.5' (both sides):  
Approximately 39 LF
3. Paint on CMU Wall (4 walls):  
Approximate surface area - 400 SF

### **Grad Office 227**

1. Door Frame Caulk - 1 EA @ 8' x 5' (both sides):  
Approximately 42 LF
2. Paint on CMU Wall (4 walls):  
Approximate surface area - 425 SF

## **Specific Notes**

1. No asbestos abatement is required in Lobby A001 and Adjacent Hallway, Offices 218D and 218E, and Conference Room 301A
2. This project includes the removal / abatement and disposal of specified asbestos-containing materials (ACM).
3. The Contractor shall coordinate ALL work activities with the Owner and / or their designated representative.
4. Removal / abatement of paint on CMU wall includes removal of various mechanical, electrical, and plumbing (MEP) components and casework, as indicated in the Contract Documents. All paint on CMU walls will be abated in all rooms.
5. Removal of any casework shall be conducted as an OSHA Class II asbestos abatement activity.
6. Asbestos-containing transite-type panels under windows and putty at columns / block wall junctures shall remain undisturbed in-place.
7. Decontaminate non-ACM items (primarily MEP) as necessary to access ACM to be removed / abated.
8. All quantities and measurements are approximate.
9. Reference Demolition Plans for location of work and basic room configuration.

EA – Each

LF - Linear Feet

SF – Square Feet



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### **General Notes**

1. THE SCOPE OF WORK INCLUDES THE REMOVAL, TRANSPORTATION, AND DISPOSAL OF ASBESTOS-CONTAINING AND CONTAMINATED MATERIALS (ACM) BY A STATE OF GEORGIA LICENSED ASBESTOS ABATEMENT CONTRACTOR.
2. REFERENCE TO REGULATIONS AND REGULATORY REQUIREMENTS IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS.
3. THIS PROJECT INCLUDES OSHA CLASS I AND / OR CLASS II ASBESTOS ABATEMENT.
4. CONTRACTOR SHALL PROVIDE 10-DAY EPD NOTIFICATION AS PART OF THIS PROJECT.

5. CONTRACTOR SHALL SUBMIT AND OBTAIN APPROVAL OF PROPOSED SCHEDULE AND WORK PLAN PRIOR TO BEGINNING ANY WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING AND COMPLYING WITH THE REQUIREMENTS IN THE PROJECT TECHNICAL DOCUMENTS.
7. CONTRACTOR SHALL FURNISH ALL LEGAL AND QUALIFIED LABOR, SUPERVISION, MATERIALS, FACILITIES, EQUIPMENT, SERVICES, INSURANCE, AND INCIDENTALS REQUIRED TO PERFORM THE SCOPE OF WORK.
8. CONTRACTOR IS REQUIRED TO ATTEND A MANDATORY PRE-CONSTRUCTION MEETING.
9. CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION SAFETY MEETING PRIOR TO START OF ANY CONSTRUCTION / ABATEMENT ACTIVITIES AND AT REGULAR INTERVALS THEREAFTER.
10. WORK SHALL BE PERFORMED IN ACCORDANCE WITH "GUIDELINES FOR ASBESTOS ABATEMENT PROJECTS FOR UNIVERSITY SYSTEM OF GEORGIA FACILITIES", REVISED NOVEMBER 2013 AND "REMOVAL OF ASBESTOS-CONTAINING MATERIAL", REVISED MARCH 2016, OR AS SPECIFIED HEREIN.
11. ABATEMENT ACTIVITIES INCLUDE CONSTRUCTION OF A NEGATIVE PRESSURE ENCLOSURE (NPE) TO ISOLATE THE WORK AREA FROM THE REMAINDER OF THE FACILITY.
12. ABATEMENT WORK PRACTICES SHALL INCLUDE AT A MINIMUM:
  - a. POSTING OF OSHA REQUIRED DANGER ASBESTOS SIGNAGE IN ENGLISH AND SPANISH.
  - b. USE OF WET METHODS, USING APPROVED WETTING AGENTS, TO CONTROL FIBER LEVELS DURING ACM REMOVAL AND CLEANUP.
  - c. CONTINUOUS USE OF VACUUM CLEANERS EQUIPPED WITH HEPA FILTERS TO COLLECT ALL DEBRIS AND DUST GENERATED DURING ACM DISTURBANCE ACTIVITIES.
  - d. PROMPT CLEAN-UP AND DISPOSAL OF ASBESTOS-CONTAMINATED WASTE AND DEBRIS IN LEAK-TIGHT CONTAINERS.
  - e. A MINIMUM OF 4 AIR CHANGES PER HOUR WHILE MAINTAINING A MINIMUM OF -0.02 COLUMN INCHES OF WATER PRESSURE DIFFERENTIAL, RELATIVE TO OUTSIDE PRESSURE, WITHIN THE NPE AS EVIDENCED BY CONTINUOUS MANOMETER MEASUREMENTS.

- 10 CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- 11 THE OWNER AND THEIR DESIGNATED REPRESENTATIVES SHALL HAVE ACCESS TO THE WORK AREA FOR INSPECTION AND TESTING AT ALL TIMES. CONTRACTOR SHALL PROVIDE REQUIRED DISPOSABLE COVERALLS AS NEEDED FOR INSPECTIONS AND TESTING SERVICES.
- 12 ACM TO BE ABATED IS PROVIDED IN "SCHEDULE OF ASBESTOS-CONTAINING MATERIAL (ACM) AND SPECIFIC NOTES".
- 13 CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE EXISTING QUANTITIES AND CONDITIONS OF ACM TO BE ABATED AND IMMEDIATELY NOTIFYING OWNER IN WRITING OF ANY DISCREPANCIES IDENTIFIED WITH THE CONTRACT DOCUMENTS.
- 14 ALL QUANTITIES PROVIDED ARE APPROXIMATE.
- 15 CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACCESSIBILITY AND WORKING CONDITIONS.
- 16 CONTRACTOR SHALL COORDINATE THIS ASBESTOS ABATEMENT PROJECT WITH THE OWNER'S REPRESENTATIVE TO MINIMIZE INTERFERENCE WITH STANDARD OPERATING PROCEDURES OF THE BUILDING.
- 17 CONTRACTOR SHALL REPLACE AND / OR REESTABLISH ALL SYSTEMS INADVERTENTLY DISTURBED BY ASBESTOS ABATEMENT ACTIVITIES.
- 18 DAMAGE CAUSED BY ABATEMENT CONTRACTOR TO EXISTING SYSTEMS, FIXTURES, BUILDING SURFACES OR ANY OTHER BUILDING COMPONENTS SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER AT NO COST TO OWNER.
- 19 CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION INSPECTION WITH OWNER'S REPRESENTATIVE TO DOCUMENT PRE-EXISTING CONDITIONS.
- 20 PRIOR TO PLACING EQUIPMENT ON JOB SITE, THE CONTRACTOR SHALL PROVIDE MANUFACTURER'S CERTIFICATION TO OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL.

- 21 CONTRACTOR SHALL SUBMIT ONE (1) HARD COPY AND AN ELECTRONIC COPY OF THE PRE-ABATEMENT SUBMITTALS TO OWNER AT LEAST FIVE (5) BUSINESS DAYS PRIOR TO SCHEDULED START OF ABATEMENT ACTIVITIES.
- 22 ALL REQUIRED SUBMITTALS MUST BE PRE-APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO START OF ABATEMENT ACTIVITIES.
- 23 CONTRACTOR SHALL OBTAIN PREAPPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO PLACING AND STAGING EQUIPMENT AND SUPPLIES ON SITE.
- 24 CONTRACTOR IS RESPONSIBLE FOR ENSURING ADEQUATE ELECTRICAL AND WATER SUPPLY IS AVAILABLE. CONTRACTOR SHALL PROVIDE ADDITIONAL TEMPORARY UTILITY CAPACITY AND CONNECTION EQUIPMENT, IF REQUIRED.
- 25 CONTRACTORS USE OF OWNER'S UTILITIES SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE.
- 26 OWNER IS RESPONSIBLE FOR SHUTTING UTILITIES (GAS, WATER, ELECTRIC, ETC.) OFF TO SYSTEMS THAT MAY BE DISTURBED BY PLANNED ABATEMENT ACTIVITIES.
- 27 CONTRACTOR SHALL CONFIRM PROPER SHUT OFF OF UTILITIES WITH OWNER'S REPRESENTATIVE.
- 28 CONTRACTOR IS RESPONSIBLE FOR PHYSICALLY SECURING ALL ENTRANCES AND OPENINGS TO THE WORK AREA.
- 29 CONTRACTOR IS RESPONSIBLE FOR CONTROLLING ACCESS TO THE WORK AREA TO AUTHORIZED PERSONNEL ONLY.
- 30 CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH LOCKOUT / TAGOUT SAFETY REQUIREMENTS PER OSHA STANDARD FOR THE CONTROL OF HAZARDOUS ENERGY (29 CFR 1910.147).
- 31 CONTRACTOR SHALL COMPLY WITH CONSTRUCTION INDUSTRY SAFETY STANDARDS (*29 CODE OF FEDERAL REGULATIONS, SUBPART M, FALL PROTECTION, 1926.500, 1926.501, 1926.502, AND 1926.503*) AND DEVELOP SYSTEMS AND PROCEDURES TO PREVENT EMPLOYEES FROM FALLING OFF, ONTO, OR THROUGH WORKING LEVELS AND TO PROTECT EMPLOYEES FROM BEING STRUCK BY FALLING OBJECTS (*FEDERAL*

*REGISTER*, AUGUST 9, 1994, PP. 40672-40753). CONTRACTOR SHALL SUBMIT A FALL PROTECTION PLAN TO OWNER'S REPRESENTATIVE FOR PRE-APPROVAL

- 32 CONTRACTOR SHALL ENSURE THAT FIRE ALARMS AND FIRE SUPPRESSION SYSTEMS ARE PROTECTED DURING CONSTRUCTION AND REMAIN OPERATIONAL THROUGHOUT THE PROJECT.
- 33 CONTRACTOR IS RESPONSIBLE FOR ENSURING ADEQUATE NEGATIVE AIR MACHINES EQUIPPED WITH HEPA FILTRATION ARE UTILIZED TO ACHIEVE REQUIRED NEGATIVE PRESSURE AND AIR EXCHANGES IN THE WORK AREA.
- 34 CONTRACTOR IS REQUIRED TO INSTALL A MANOMETER IN EACH WORK AREA TO CONFIRM AND CONTINUOUSLY MONITOR NEGATIVE AIR PRESSURE FOR THE DURATION OF THE PROJECT UNTIL FINAL AIR CLEARANCE IS ACHIEVED, IN ACCORDANCE WITH SPECIFICATIONS.
- 35 PIPING INSULATION (RUNS, FITTINGS, ETC.) MAY BE ABATED UTILIZING GLOVE BAG REMOVAL TECHNIQUES, INSIDE A NEGATIVE PRESSURE ENCLOSURE. CONTRACTOR MUST OBTAIN PRE-APPROVAL FROM THE OWNER'S DESIGNATED REPRESENTATIVE TO CONDUCT GLOVE BAG REMOVAL TECHNIQUES IN LIEU OF CREATING A NEGATIVE PRESSURE ENCLOSURE (NPE).
- 36 CONTRACTOR SHALL SUBMIT AND OBTAIN APPROVAL OF PROPOSED SCHEDULE AND WORK PLAN PRIOR TO BEGINNING ANY WORK.
- 37 CONTRACTOR IS RESPONSIBLE FOR PHYSICALLY SECURING ALL ENTRANCES AND OPENINGS TO THE WORK AREA.
- 38 CONTRACTOR IS RESPONSIBLE FOR CONTROLLING ACCESS TO THE WORK AREA TO AUTHORIZED PERSONNEL ONLY.
- 39 LOCATION OF DECONTAMINATION SYSTEMS, EXHAUST TO BUILDING EXTERIOR, AND ABATEMENT CONTAINMENT BARRIERS SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO START OF ABATEMENT ACTIVITIES.
- 40 CONTRACTOR SHALL ENSURE NO MIGRATION OF SOLVENTS OR OTHER LIQUIDS OCCURS OUTSIDE OF THE WORK AREA.

- 41 CONTRACTOR MAY NOT APPLY ENCAPSULATE UNTIL ALL FINAL CLEARANCE TESTING IS COMPLETE, ACCEPTABLE LABORATORY RESULTS HAVE BEEN ACHIEVED, AND THE OWNER'S REPRESENTATIVE GIVES VERBAL APPROVAL (DOCUMENTED IN DAILY REPORT), UNLESS APPROVED OTHERWISE.
- 42 NON-ACM OBSTACLES THAT MUST BE REMOVED TO ACCESS ACM TO BE ABATED SHALL BE REMOVED FROM THE WORK AREA BEFORE START OF ABATEMENT ACTIVITIES, UNLESS DIRECTED OTHERWISE. CONTRACTOR IS NOT RESPONSIBLE FOR REINSTALLING OR REPLACING REMOVED OBSTACLES.
- 43 NEGATIVE AIR MACHINES EQUIPPED WITH HEPA FILTERS SHALL BE DISCHARGED TO THE EXTERIOR OF THE BUILDING.
- 44 ALL MATERIALS, FIXTURES, APPURTENANCES, EQUIPMENT, AND SURFACE AREAS LOCATED IN THE REGULATED WORK AREA SHALL BE HEPA VACUUMED AND WET WIPED AS PART OF THE FINAL CLEANING REQUIREMENTS. DRY SWEEPING IS NOT ALLOWED IN THE WORK AREA.
- 45 CONTRACTOR IS NOT RESPONSIBLE FOR REPLACEMENT OF ABATED MATERIALS.
- 46 ANY APPROVED DEVIATIONS OR REVISIONS TO THE CONTRACT DOCUMENTS MUST BE OBTAINED IN WRITING FROM THE OWNER'S REPRESENTATIVE. CONTRACTOR MAY NOT INTERPRET ANY OTHER FORMS OF COMMUNICATION AS APPROVAL TO DEVIATE FROM OR REVISE THE CONTRACT DOCUMENTS.
- 47 DEVIATIONS OR REVISIONS TO THE CONTRACT DOCUMENTS INCLUDES UNAUTHORIZED DISTURBANCE OF SUSPECT ACM NOT IDENTIFIED IN THE CONTRACT DOCUMENTS.
- 48 CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE IF SUSPECT ACM NOT IDENTIFIED IN THE CONTRACT DOCUMENTS IS ENCOUNTERED ON THE PROJECT SITE.
- 49 FAILURE OF OWNER AND THEIR REPRESENTATIVES TO DETECT IMPROPER METHODS, MATERIALS, CLEANING STANDARDS, ETC. DOES NOT RELIEVE THE CONTRACTOR'S CONTRACTUAL RESPONSIBILITY TO COMPLY WITH ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

- 50 AIR SAMPLE RESULTS FROM PREVIOUS PROJECTS WILL NOT BE ACCEPTED BY THE OWNER OR THEIR REPRESENTATIVES AS JUSTIFICATION FOR LEVEL OF PERSONAL PROTECTIVE EQUIPMENT (PPE) OR ELIMINATE OSHA MONITORING REQUIREMENTS.
- 51 CONTRACTOR SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE GEORGIA INSTITUTE OF TECHNOLOGY AND THE GEORGIA BOARD OF REGENTS.
- 52 ABATEMENT CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF 29 CFR 1926.62 WHEN DISTURBING LEAD-CONTAINING PAINT (LCP).
- 53 CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATORY REQUIREMENTS FOR REMOVAL, HANDLING, AND RECYCLING/DISPOSAL OF MERCURY (OLDER MODEL THERMOSTATS AND FLUORESCENT LIGHT BULBS AND PCB/DEPH CONTAINING ELEMENTS (LIGHT BALLAST)).
- 54 PRIOR TO REMOVAL, HANDLING, AND RECYCLING / DISPOSAL OF MERCURY AND PCB/DEPH CONTAINING ELEMENTS, CONTRACTOR SHALL COORDINATOR THROUGH THE GEORGIA TECH ENVIRONMENTAL HEALTH AND SAFETY (EH&S) DEPARTMENT. CONTRACTOR SHALL NOTIFY EH&S AT LEAST 10 WORKING DAYS PRIOR TO REMOVAL OF MERCURY AND PCB/DEPH CONTAINING ELEMENTS.
- 55 IF THERE IS A DISCREPANCY BETWEEN OR WITHIN THE CONTRACT DOCUMENTS, THE MOST STRINGENT INTERPRETATION TAKES PRECEDENT. GOVERNMENT REGULATIONS SHALL ALWAYS BE COMPLIED WITH AT A MINIMUM.



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### **Submittal Requirements**

#### **Asbestos-Containing Materials (ACM)**

##### **Pre-Work Submittals:**

The following documents shall be generated by the Contractor and submitted to the Owner and/or Owner's Representative at least five (5) business days prior to scheduled start of abatement activities. All required submittals must be pre-approved by Owner's Representative prior to start of abatement activities. Include one (1) hard copy and an electronic copy.

- A. A detailed plan describing the procedures proposed for use in complying with the requirements of the project specifications. The plan shall include the location and layout of decontamination areas, the sequencing of asbestos work and methods to be used to assure the safety of building occupants, workers, and visitors to the

site. The plan shall also include methods for controlling visible emissions in the work area and the containerization of asbestos debris.

- B. Medical examination reports for each employee of the contractor who will be on site (standard form from examining physician). These reports shall be less than or equal to 12 months old at the end of the project.
- C. Documentation that the contractor is currently licensed by the Georgia State Department of Natural Resources for asbestos abatement. ***Note: License documentation is mandatory prior to beginning any work.***
- D. Documentation of timely notification to State DNR/EPD and documentation of project fees paid.
- E. Certificates of accreditation (training) for each employee of the contractor who will be on site.
- F. Documentation of respirator training and fit testing for each employee of the contractor who will be on site. Fit test documentation shall be < or = 12 months old at the end of the project.
- G. Letter from a US EPA and Georgia EPD -approved disposal site to be used indicating that the ACM removed from the site will be accepted for disposal.
- H. A listing of authorized personnel to be granted access to work area.
- I. All necessary permits, licenses, and insurance (in accordance with Board of Regents and institution requirements).
- J. Documentation of contractor's notifications to appropriate campus departments (Physical Plant, Environmental Safety, Facilities Planning, etc.) regarding the abatement project schedule.
- K. A brief written description of any legal proceedings, lawsuits or claims which have been filed or levied against the contractor or any of their present or past employees for asbestos related activities.
- L. A brief written description of any U.S. EPA, Georgia EPD, OSHA or other regulatory agency citations.
- M. At least ten (10) different references (with names and phone numbers) of other asbestos abatement projects the contractor has performed.
- N. The names and numbers of person(s) to be contacted on behalf of the contractor in cases of emergency.
- O. Safety Data Sheets (SDS's) for all chemical products (chemicals, chemical compounds, and chemical mixtures) that will be used or that will be present at the job site.
- P. A notarized statement that no ACM will be installed during the project.

**Close-Out Submittals:**

The following documents shall be submitted to the Owner and/or Owner's Representative within ten (10) business days after completion of abatement activities:

- A. Copies of daily project sign-in/sign-out logs and daily project log forms (including descriptions of unique or unusual events during the project).
- B. A copy of final clearance certification.
- C. A copy of the Completion Certification to the Georgia EPD.
- D. Copies of waste manifests, disposal documents and any other relevant records.

**Notes:**

- 1. All required certifications shall be maintained current for the period of work on this contract.
- 2. Submittals are subject to the approval of the owner's designated representative prior to start of relevant work activities and project completion approval.
- 3. All required submittals shall be provided to the owner's designated representative at least five (5) business days prior to the scheduled start date of abatement activities.
- 4. This document is provided as a supplement to the contract documents. Additional submittals may be required by the contract documents and the contractor is responsible for complying with all submittal requirements.
- 5. The contractor shall provide other testing data and documents produced in conjunction with complying with the requirements of the contract documents.
- 6. Required submittals for individual workers to be added during the contract execution may be presented to the owner's designated representative for approval on an as needed basis. New workers will not be permitted access to the work area until all required submittals are received and approved by the owner's designated representative.



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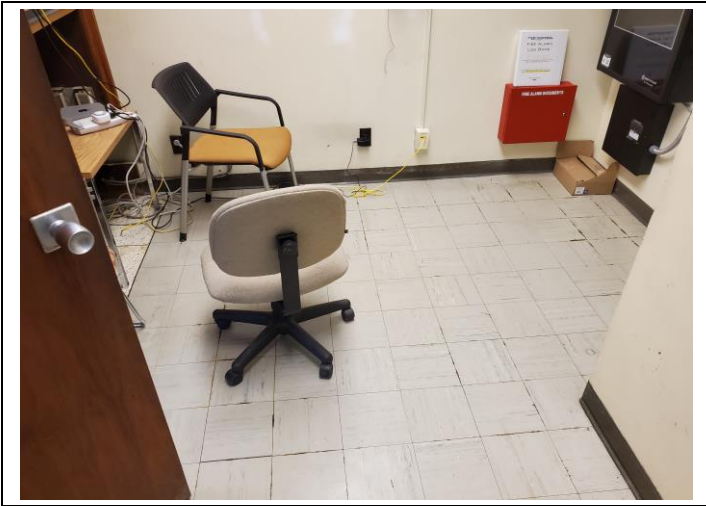
**Final Clearance Criteria**

Clearance criteria for work areas following asbestos abatement activities.

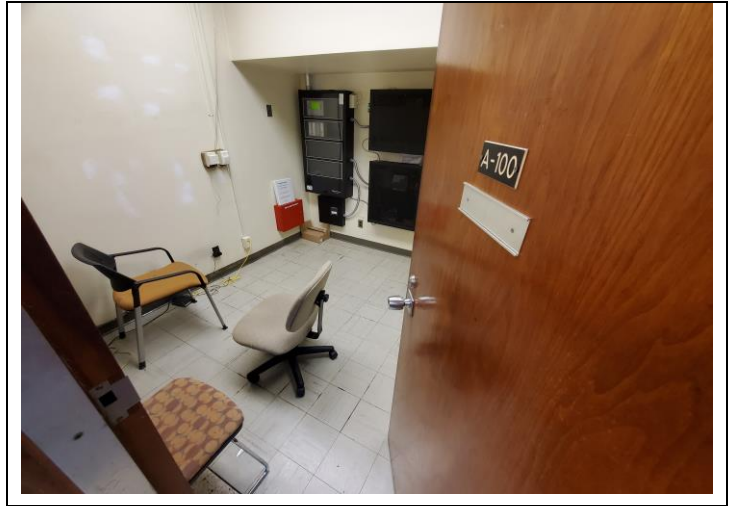
**Asbestos-Containing Materials (ACM)**

1. Upon completion of ACM abatement activities, a visual inspection will be conducted jointly by the Owner's designated representative and the abatement contractor's designated representative.
2. The Owner's designated representative will approve the visual inspection or advise the abatement contractor's representative of any deficiencies and requirements for additional cleaning. This process will be repeated until the Owner's designated representative indicates the visual inspection is approved and the area is ready for final clearance testing.
3. Air testing will not be conducted until a successful visual approval has been achieved.
4. The acceptable visual clearance standard is no dust, debris, or ACM residue observed.

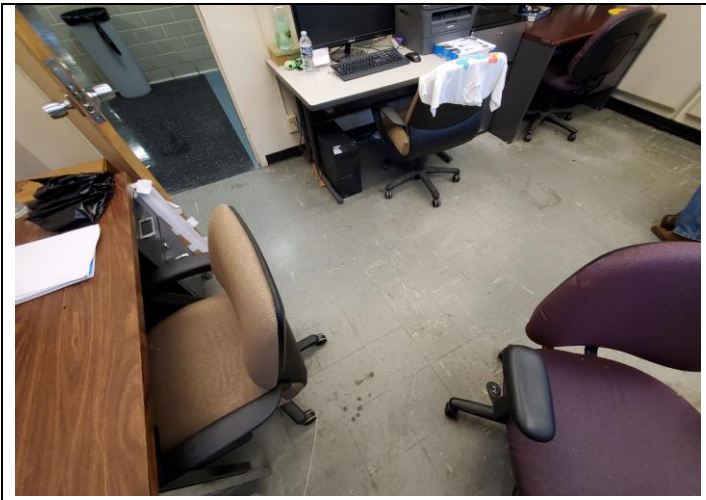
5. Air testing will be conducted using aggressive air sampling techniques, unless specifically approved otherwise. Testing will include the use of fans and leaf blowers to entrain any dust remaining in the work area into the air.
6. A minimum of two (2) air samples will be collected from each work area. Additional samples may be collected at the discretion of the Owner's designated representative, based primarily on the size of the area to be cleared.
7. Final clearance air samples will be analyzed utilizing transmission electron microscopy (TEM).
8. The contractor may NOT apply encapsulate until all final clearance testing is complete, acceptable laboratory results have been achieved, and the Owner's designated representative gives verbal approval (documented in daily report), unless approved otherwise.
9. A work area shall be considered clean when each clearance air sample collected in the affected work area indicates less than 0.01 asbestos structures per cubic centimeter of air when analyzed by TEM.



1. 9" x 9" Floor Tile/Mastic



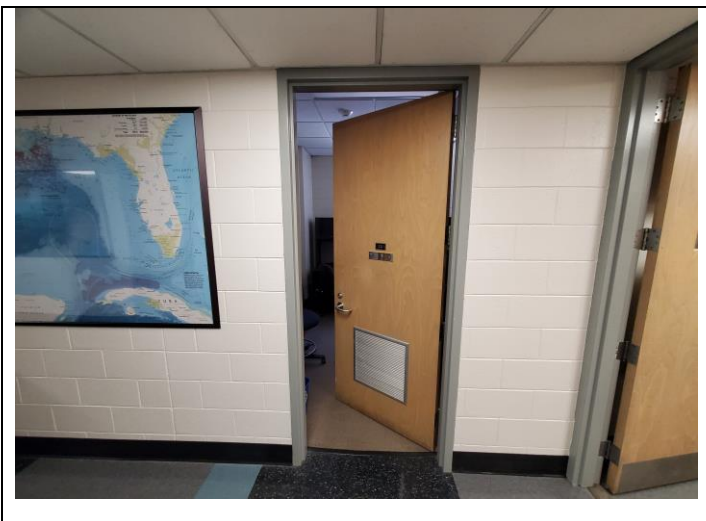
2. 9" x 9" Floor Tile/Mastic



3. 9" x 9" Floor Tile/Mastic



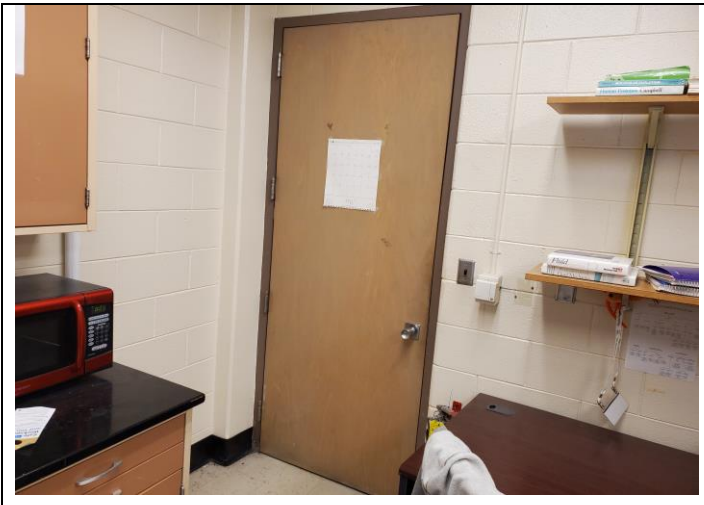
4. 9" x 9" Floor Tile/Mastic under 12" x 12" Floor Tile



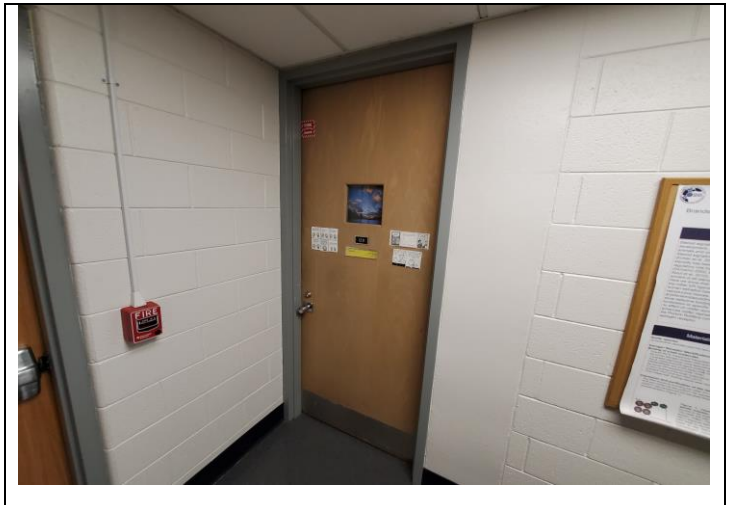
5. Door Frame Caulk



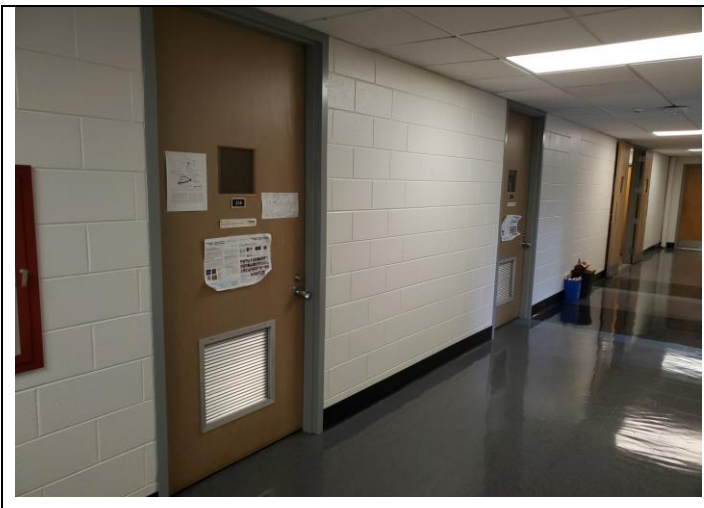
6. Door Frame Caulk



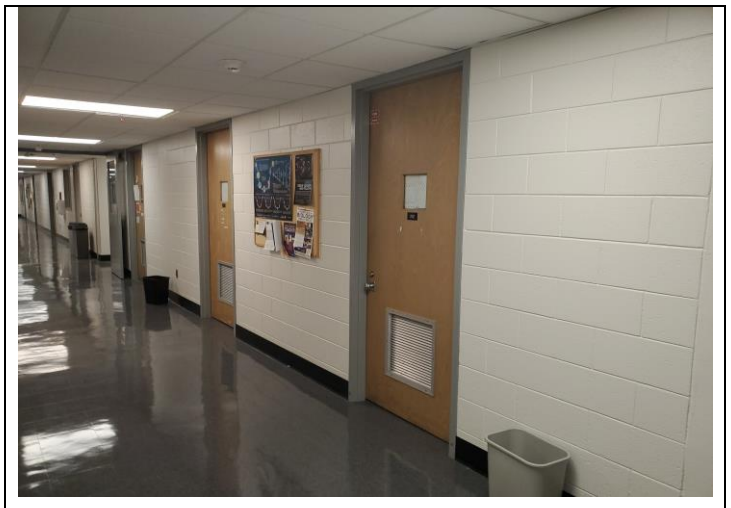
7. Door Frame Caulk



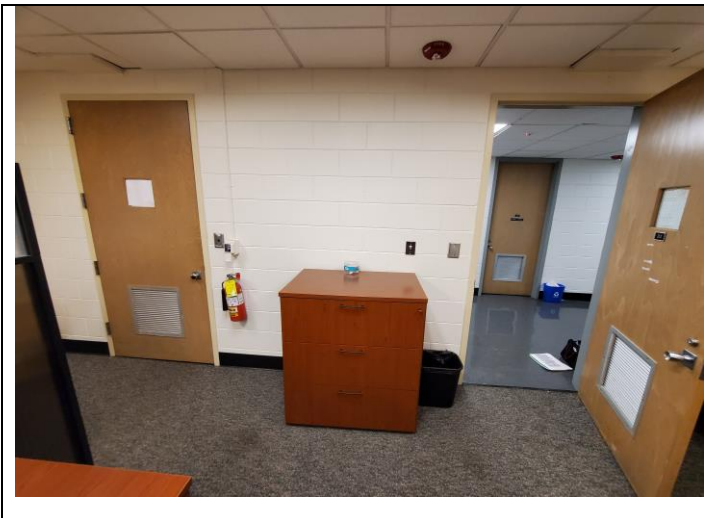
8. Door Frame Caulk



9. Rooms 212 and 214/216: Door Frame Caulk and Paint on Block Wall



10. Rooms 212 and 214/216: Door Frame Caulk and Paint on Block Wall



11. Rooms 212 and 214/216: Door Frame Caulk and Paint on Block Wall



12. Rooms 212 and 214/216: Door Frame Caulk and Paint on Block Wall



13. Transite-type Panel Wall



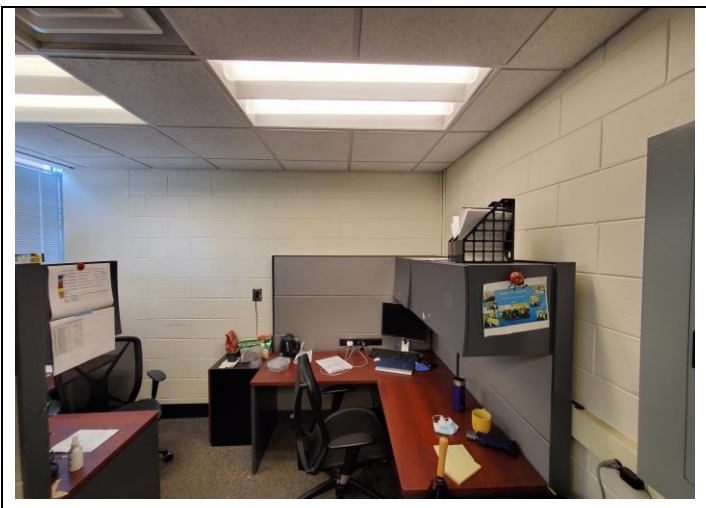
14. Transite-type Panel Wall



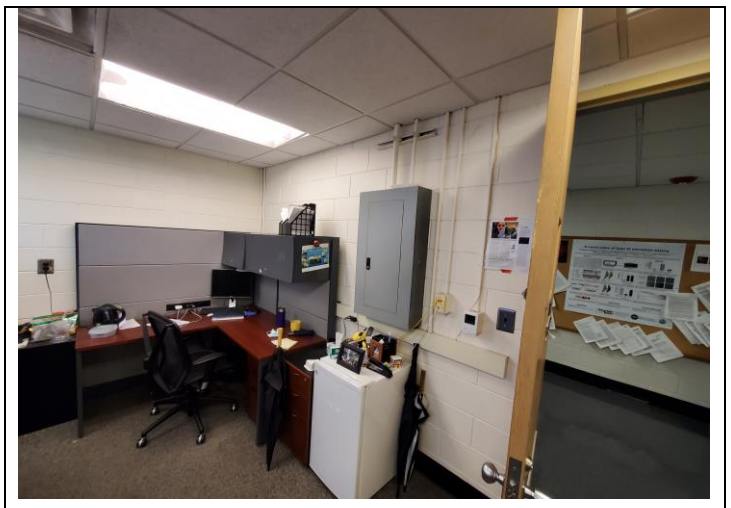
15. Transite-type Panel Wall



16. Transite-type Panel Wall



17. Paint on CMU Wall



18. Paint on CMU Wall