

**REMOVAL OF ASBESTOS-CONTAINING MATERIALS  
FORMER LAFAYETTE HIGH SCHOOL  
399 NORTH CHEROKEE STREET  
LAFAYETTE, GEORGIA  
Authored 11/17/2020**

**PART 1 - GENERAL**

**1.01 GENERAL DESCRIPTION OF WORK**

- A. This removal/abatement Work Plan is based upon a report of an asbestos inspection performed by Facilities Management Solutions, LLC (FMS) on April 23, 2020. The building is a former High School.
- B. The scope of work for the asbestos abatement involves the following asbestos-containing materials. All quantities are estimates as provided by FMC and are not intended for bidding purposes.
  - 1. Remove and dispose of approximately 11,586 square feet of 9"x9" floor tile and their associated mastics as friable asbestos-containing material. This material is located in Building 100 on Level 1 and Level 2.
  - 2. Remove and dispose of approximately 650 square feet of asphaltic/tar roofing and flashing material from the roof of the Breezeway located just outside of the Auditorium.
  - 3. In addition there is 5,700 square feet of Non-ACM flooring that is to be removed as a part of this project and cleaning the floor when removed.
- C. In addition, all construction debris and trash generated by the abatement of asbestos-containing materials shall be removed from the area on a daily basis and disposed of as asbestos-containing waste.
- D. The Project Designer Steve Connor, AHERA Project Designer; #4451, exp. 1/21/21.

**1.02 MEDICAL REQUIREMENTS**

- A. Medical Examinations. Before exposure to airborne asbestos fibers, the Contractor will provide workers with a comprehensive medical examination as required by 29 CFR 1926.1101. This examination consists of a pulmonary function test and a chest X-ray at the discretion of the physician performing the physical. The same examination is required on an annual basis to all employees engaged in an occupation involving asbestos fibers.
- B. Medical Records. The Contractor shall establish and maintain accurate medical surveillance records for each employee subject to medical surveillance by 29 CFR 1926.1101 and shall maintain the records for the duration of employment plus 30 years in accordance with 29 CFR 1910.20.

**1.03 TRAINING CERTIFICATION AND PROJECT SUPERVISION**

- A. Supervision. An asbestos abatement Supervisor shall be present at all times that asbestos abatement is in progress. At all times while abatement (including preparation, removal and cleanup) of RACM is being performed at NESHAP and small projects, at least one licensed Supervisor remains inside of each regulated area supervising the work. During abatement of regulated roofing and exterior projects, the Supervisor shall be in the immediate work area supervising the work. The Supervisor shall have completed a course at an EPA approved training center or equivalent certificate course in asbestos abatement procedures and be licensed by the State of Georgia. The Supervisor shall have had a minimum of two years on-the-job experience in asbestos abatement procedures and be a competent person as described in 29 CFR 1926.1101.

- B. Worker Training. Prior to assignment to this asbestos work project, the Contractor shall provide instruction to each employee with regard to the hazards of asbestos safety and health precautions and the use and requirements of protective clothing and equipment including respirators. This instruction shall fully cover engineering and other hazard control techniques and procedures, and shall conform to training required by 40 CFR Part 763, Subpart E. In addition, the worker shall be licensed by the State of Georgia as an asbestos abatement worker.

#### **1.04 PERMITS, LICENSES AND NOTIFICATIONS**

- A. The Contractor shall secure the necessary permits in conjunction with asbestos removal, hauling and disposal, and shall provide timely notification of such actions as may be required by Federal, State or Local authorities. Ten working days' notice prior to the start of work shall be required to secure a work permit from the Georgia Environmental Protection Division and a copy of this permit shall be submitted to the Owner prior to the start of this work. A copy of the permit shall be posted at the job site at all times.

#### **1.05 RESPIRATORY PROTECTION PROGRAM**

- A. The Contractor shall have a written respiratory protection program that governs the selection, use, maintenance and care of respirators. Workers shall be provided respirators approved by the National Institute for Occupational Safety & Health (NIOSH). The respirators will be used in accordance with Occupational Safety and Health Administration (OSHA) standards.
- B. All respirators must be fitted with a HEPA filter designated by NIOSH for asbestos fiber protection.
- C. The OSHA Competent Person shall evaluate the project to determine if combination respiratory protection will be required.

#### **1.06 CONTINGENCY PLAN**

- A. Prepare a contingency plan for emergencies including fire, accident, power failure, pressure differential system failure, supplied air system failures or other events that may require modification or abridgment of decontamination or work area isolation procedures.
- B. Note that nothing in this abatement plan should impede safe exiting or providing adequate medical attention in the event of an emergency.
- C. It is the responsibility of the Contractor to develop, coordinate and post Emergency Response contact information. In lieu of not having a direct contact the Contractor shall dial 911.

#### **1.07 MECHANICAL AND ELECTRICAL SYSTEMS**

- A. The Contractor shall take note where mechanical and/or electrical hazards are located and take the necessary precautions in these areas.
- B. Shut down, lock, and tag out all HVAC equipment in or passing through the work area. Seal each intake and exhaust opening and any seam in system components with two sheets of 6-mil polyethylene sheeting and tape.
  - 1. Detach and wet clean removable electrical, heating, and ventilating equipment and other items which may be connected to asbestos surfaces.
  - 2. Remove existing filters from HVAC system and dispose of as asbestos-contaminated waste.

#### **1.08 COMPLIANCE WITH OSHA STANDARDS**

- A. It is the intent of this section for the Contractor to comply fully with all Federal, State and Local regulations and codes regarding removal and disposal of asbestos-containing materials. Nothing in this section should be interpreted to conflict with this intent. The Contractor is responsible to ensure worker safety complies with Occupational Safety and Health Administration (OSHA) safety requirements. Hard hats, eye goggles, gloves, safety belts, etc., shall be worn when work tasks require this additional safety protection.
- B. No attempt has been made to specify all applicable Federal and/or State requirements dealing with worker safety or public safety within the confines of these specifications. This should not be construed as an abridgment of these requirements. As is always the case, the Contractor has the responsibility to determine which non-specified requirements apply to his work and the responsibility to initiate steps to comply with these non-specified requirements on an as needed or required basis.

## **PART 2 - PRODUCTS**

### **2.01 WETTING AGENTS AND ENCAPSULANTS**

- A. Surfactant. Provide water to which a surfactant has been added. Use a mixture of surfactant and water that results in wetting of the asbestos-containing material and retardation of fiber release during disturbance.
- B. Encapsulant. Provide an encapsulant designed specifically to lock down asbestos fibers during and following asbestos abatement. Use in strict compliance with manufacturer's instructions.

### **2.02 POLYETHYLENE PLASTIC SHEETING**

- A. Provide polyethylene plastic sheeting in the largest sheet size possible to minimize seams, 4-mil and 6-mil thickness, clear, frosted and/or black, as required.
- B. Polyethylene plastic sheeting shall be flame resistant (if required) and conform to the National Fire Protection Association Standard 701, "Small-Scale Fire Test for Flame-Resistant Textiles and Films."

### **2.03 ADHESIVES**

- A. Provide duct tape at least three inches wide with an adhesive formulated to stick aggressively to polyethylene plastic sheeting.
- B. Provide spray adhesive formulated to stick aggressively to polyethylene plastic sheeting.

### **2.04 DISPOSAL BAGS**

- A. Provide 6-mil thick, leak-tight polyethylene plastic bags labeled in accordance with Paragraph k (7) (iii), 29 CFR 1926.1101.

### **2.05 HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTERS**

- A. Provide vacuum cleaner, air filtration machine, and respirators with a HEPA filter capable of filtering particles of 0.3 microns or greater at 99.97% efficiency.

## **PART 3 - EXECUTION**

### **3.01 EQUIPMENT**

- A. Personal Protection
  - 1. Respirators. Provide workers with respirators that are the most comfortable and afford the best seal and protection. Cartridge filters shall be approved for respiratory protection against dusts, fumes and mists

having a permissible exposure limit of less than 0.05 milligrams per cubic meter (a HEPA filter). At a minimum, workers shall be provided half-face, negative pressure respirators equipped with a HEPA filter. A clean set of cartridge filters shall be provided workers upon each entry into the regulated area. All individuals entering the asbestos control area after the commencement of asbestos removal work shall be required to wear respiratory protection.

2. The OSHA Competent Person shall evaluate the project to determine if combination respiratory protection will be required.
3. Protective Clothing. A sufficient number of disposable full body coveralls shall be available to provide each worker a clean suit upon each entry into the regulated area.

B. Ground Fault Protection

1. Equip all circuits for any purpose entering the regulated area with ground fault circuit interrupters (GFCI). Locate GFCIs outside the regulated area so that all circuits are protected prior to entry into the regulated area. Provide circuit breaker type GFCI equipped with test button and reset switch for all circuits to be used for any purpose in the regulated area, decontamination unit, exterior, or as otherwise required by National Electrical Code, OSHA or other authority. Locate the panel exterior to the regulated area.
2. Use only grounded extension cords; use "hard-service" cords where exposed to abrasion and traffic. Use single lengths or use waterproof connectors to connect separate lengths of electric cords, if single lengths will not reach areas of work.

C. Signs and Labels

1. Warning signs shall be displayed at the entrance to the regulated area. Signs shall be posted at such a distance from the regulated area that an employee may read the signs and take necessary protective steps before entering the area marked by the signs. The warning signs shall bear the following information:

**DANGER  
ASBESTOS  
MAY CAUSE CANCER  
CAUSES DAMAGE TO LUNGS  
WEAR RESPIRATORY PROTECTION AND  
PROTECTIVE CLOTHING IN THIS AREA  
AUTHORIZED PERSONNEL ONLY**

2. Labels shall be affixed to all waste bags or waste wrapped in polyethylene plastic. Labels shall be printed in large, bold letters on a contrasting background and used in accordance with the requirements of 29 CFR 1910.1200(f) of OSHA's Hazard Communication standard, and shall contain the following information:

**DANGER  
CONTAINS ASBESTOS FIBERS  
MAY CAUSE CANCER  
CAUSES DAMAGE TO LUNGS  
DO NOT BREATHE DUST  
AVOID CREATING DUST**

**3.02 AIR CIRCULATION AND FILTRATION SYSTEM**

- A. Diminished pressure inside the regulated area shall be maintained 24 hours per day for the duration of the project. Duration shall be considered from the time critical barriers are installed through the time acceptable final air clearance results are obtained.

- B. A minimum of -0.02 column inches of water pressure differential, relative to outside pressure, shall be maintained as verified and recorded by a manometer.
- C. The manometer record of daily readings (to be taken at least four times during every eight-hour work shift by a licensed air sampler independent from the contractor) verifying the negative pressure shall be maintained at the job site for the duration of the project.
- D. The inlet sensor of the manometer shall be located at the farthest point from any source of make-up air
  - 1. The manometer must be calibrated prior to the start of each work shift
- E. A high efficiency particulate air (HEPA) filtration system shall be used. The HEPA system shall be capable of collecting and retaining 99.97 per cent of airborne particles with an aerodynamic diameter of .3 microns or larger.
- F. Diminished pressure inside the regulated area shall be maintained with the use of HEPA filtered machines, shall exhaust directly to the exterior of the building, and shall have the capacity to produce, at a minimum, four air changes per hour.
- G. Operate negative pressure differential equipment with HEPA filtration continuously from the time that barrier construction is completed through the time that acceptable final clearance air monitoring results are obtained.

### **3.03 INSTALLATION OF CRITICAL BARRIERS**

- A. Enclose regulated areas by installing critical barriers over all windows, doorways, drains, ducts, grills, grates, diffusers, skylights, etc. Critical barriers shall consist of at least 6-mil thick polyethylene plastic sheeting secured in place with duct tape and/or spray adhesive.
- B. Contractor will remove all movable objects from the regulated area and dispose as construction debris. Cover all non-movable objects remaining in the regulated area with at least one layer of 4-mil polyethylene plastic sheeting secured in place with duct tape and/or spray adhesive. Non-movable objects include but are not limited to: ceiling mounted light fixtures, cabinets, stoves, refrigerators, toilet fixtures, miscellaneous equipment, etc.

### **3.04 INSTALLATION OF PRIMARY BARRIERS**

- A. Cover floors not being abated with at least two layers of 6-mil or thicker polyethylene sheeting. Floor sheeting shall be installed first and shall extend at least 12 inches up the walls and be taped into place. No seams shall be located at wall/floor joints. Spray-applied polyethylene coating shall not be used.
- B. Cover walls and ceilings not being abated with at least one sheet of 4-mil or thicker polyethylene sheeting. The plastic sheeting shall be secured to within six inches of the floor to a distance of at least three feet up the wall. The plastic sheeting shall be installed to minimize seams. No seams shall be located at wall/wall joints. Seams shall be overlapped a minimum of 12 inches and sealed with duct tape and/or spray adhesive. Ceiling sheeting shall extend at least 12 inches down the wall and be sized and taped into place.
- C. Construct a decontamination enclosure system adjoining the contained work area. The decontamination enclosure shall be built in a manner that will prevent track-out of RACM, and shall consist of: a clean room equipped with appropriate storage containers and adequate space for changing clothing; an air lock; a shower room containing hot and cold or warm running water controllable at the tap; and an equipment room suitable for storage of tools and equipment.
- D. Construct a clear viewing port measuring at least 24 inches by 24 inches in an external wall of the contained work area to allow unobstructed observation of abatement activities in the work area.

### **3.05 STOP WORK**

- A. If critical and/or primary barriers fall or are breached in any manner, stop work immediately. Do not start work until the situation has been corrected and written authorization obtained from the Owner's Representative.

### **3.06 REMOVAL OF FLOOR COVERINGS AND MASTICS**

- A. Use of destructive methods to remove asbestos containing floor coverings and mastics that render these materials friable are discouraged. Following are three alternate methods for removing floor tile and mastic that aid this objective. One or a combination of each may be successfully used.
  - 1. Sufficiently wet the floor tile with an amended water solution. Allow ample time for the amended water to penetrate to the mastic. Remove the floor tile by mechanical means while keeping the entire area of disturbance saturated.
  - 2. Dry ice may be used in well-ventilated areas only to allow the tiles to contract and break loose from the substrate. Before using dry ice, permission must be obtained from the Owner.
  - 3. Heat from an infrared gun may soften the mastic enough so that tiles can be pulled up easily. The use of heat guns is limited to electric-powered flameless guns operating below 1,100 degrees Fahrenheit. If tiles are heated and can be removed intact, wetting may be omitted. Tiles must still be wet when placed in disposal bags. Heat guns may not be used on wood flooring. Under OSHA regulation 29 CFR 1926.150, a fully charged ABC-type 20-pound (minimum) fire extinguisher must be available within 100 feet of work utilizing a heat gun. When using a heat gun, an organic filter must be used in conjunction with the HEPA filter and/or all other respirators.
- B. Once floor covering is removed, and while still wet, place in a 6-mil leak-tight disposal bag and then into a second pre-labeled disposal bag. Seal the disposal bag with three wraps of duct tape. Move disposal bags to the washroom of the equipment decontamination unit.
- C. Remove remaining mastic with an approved solvent or cleaner. Petroleum based solvents shall not be used. Scraping of residual mastic shall be performed using wet methods.
- D. All waste materials, including mops and cleaning rags used to remove mastic, shall be disposed of as contaminated waste.

### **3.07 REMOVAL OF ROOFING MATERIALS**

- A. The use of destructive methods to remove asbestos-containing roofing that render these materials friable is discouraged. Methods shall comply with 1926.1101(g)(8)(ii). The contractor shall establish a regulated area around the perimeter of the exterior removal. This area shall be demarcated with signage and barrier tape at a minimum of 20' (or as space permits) from the exterior wall. It is highly recommended that the contractor utilize orange construction fence to prevent access to the area.
  - 1. Sufficiently wet the roofing with an amended water or foam solution. Allow ample time for the amended water to penetrate.
  - 2. Roofing material shall be removed in an intact state to the extent feasible. In areas where the asbestos-containing material (ACM) joins non-ACM material, the roof cuts shall be at least 1 foot into the

non-ACM material to prevent disturbance of ACM. All material removed shall be disposed of as ACM.

3. Wet methods shall be used to remove roofing materials that are not intact or that will be rendered not intact during removal; unless such wet methods are not feasible or will create safety hazards.
  4. Cutting machines shall be continuously misted during use, unless a competent person determines that misting substantially decreases worker safety.
  5. When removing built-up roofs with asbestos-containing roofing felts and an aggregate surface using a power roof cutter, all dust resulting from the cutting operation shall be collected by a HEPA dust collector or shall be HEPA vacuumed along the cut line. When removing built-up roofs with asbestos-containing roofing felts and a smooth surface using a power roof cutter, the dust resulting from the cutting operation shall be collected either by a HEPA dust collector by HEPA vacuuming along the cut line.
  6. Asbestos-containing material that has been removed from a roof shall not be dropped or thrown to the ground. Unless the material is carried or passed to the ground by hand, it shall be lowered to the ground via chute, crane or hoist.
  7. Intact ACM shall be lowered to the ground as soon as is practicable but no later than the end of the work shift.
  8. Upon being lowered, unwrapped material shall be transferred to a receptacle in such manner to preclude the dispersion of dust. This receptacle, typical 30-yard container, shall be lined with 6-mil poly and both locked and sealed each night.
- D. The contractor shall comply with 29 CFR 1926.502 Fall Protection regulations for all roofing activities. This will include training, warning line systems, controlled access zones and fall arrest systems. Additionally, the contractor shall have a Fall Protection Plan to comply with 29 CFR 1926.502 as described in 1926 Subpart M Appendix E and comply with the Leading-Edge Work 29CFR 1926.501(b)(2).

### **3.08 REGULATED AREA CLEANING**

- A. Work of this section begins with the cleaning of the regulated area with the following in place:
1. Critical barriers over openings, doorways, windows, HVAC ducts, etc.
  2. Primary barriers over walls and floors.
  3. Decontamination facilities for personnel and equipment in operating condition.
  4. Air filtration system in operation.

### **3.09 FIRST CLEANING**

- A. Carry out a first cleaning of all surfaces in the regulated area by spraying a fine mist of amended water followed by wiping all surfaces with clean disposable rags or towels.
- B. Immediately following this cleaning, remove primary barriers and the equipment decontamination unit leaving:
1. Critical barriers over openings, doorways, windows, HVAC ducts, etc.
  2. Decontamination unit for personnel in operating condition.

3. Air filtration system in continuous operation.

### **3.10 SECOND CLEANING**

- A. Perform a second cleaning in the exact manner and order as the first cleaning.

### **3.11 ABATEMENT CONTRACTOR'S INSPECTION**

- A. Following this second cleaning, visually inspect all surfaces. Reclean if any dust, debris, etc., is found. Continue this cleaning process until no debris, dust or other material is found.
- B. Wait 96 air changes to allow HEPA filtered fan units to clean air of airborne asbestos fibers. Maintain air filtration system in operation for the entire 96-air change period.

### **3.12 FINAL CLEANING**

- A. Carry out a final cleaning of all surfaces in the regulated area in the same manner as the previous cleaning.

### **3.13 VISUAL INSPECTION**

- A. After final cleaning perform a complete visual inspection of the entire regulated area including all surfaces as specified above; look for debris from any source, residue on surfaces, dust or other matter. When the area is visually clean and no debris, residue, dust or other material is found, complete the certification at the end of this section. Visual inspection is not complete until confirmed in writing.
- B. Provide a minimum of 100-foot candles of lighting on all surfaces in the areas to be subjected to visual inspection. Provide handheld lights providing 150-foot candles at 4 feet capable of reaching all locations in regulated area.

### **3.14 FINAL AIR CLEARANCE TESTING**

- A. After interior, contained regulated areas are found to be visually clean, encapsulated, and allowed to thoroughly dry, final air clearance samples will be taken and analyzed. Final air clearance must be attained via PLM and TEM analysis methods.
- B. Although air clearance testing is not applicable to exterior regulated areas, a visual inspection must be performed by the Consultant and certification made using the form attached to this Work Plan. This certification must include the signature of the abatement supervisor and the Consultant.
  1. If Release Criteria are not met, repeat final cleaning and continue decontamination procedures from that point.
  2. If Release Criteria are met, remove regulated area isolation.

### **3.15 REMOVAL OF REGULATED AREA ISOLATION**

- A. After all cleaning and testing requirements have been met:
  1. Shut down and remove the air filtration system. Seal HEPA filtered fan units, HEPA vacuums and similar equipment with 6-mil polyethylene sheet and duct tape to form a tight seal at intake end before being moved from regulated area.
  2. Remove critical barriers. Remove any small quantities of residual material found upon removal of the plastic sheeting by wet wiping, HEPA filtered vacuum cleaners and local area protection. If



significant quantities as determined by the Owner's Representative are found then the entire area affected shall be decontaminated.

3. Remove all equipment, material, and debris from work site.
4. Dispose of all asbestos-containing waste material in accordance with Federal, State and Local regulations.
5. Perform a final inspection.

### **3.16 CERTIFICATE OF VISUAL INSPECTION**

- A. Attached is a Certificate of Visual Inspection that shall be completed by the Contractor for each regulated area and certified by a representative of the independent testing firm. Submit completed certificate with application for payment to the Owner. Payment will not be made until this certificate is executed.

## **PART 4 - AIR MONITORING**

### **4.01 AREA AIR SAMPLES**

- A. An independent air monitoring firm will be engaged by the Owner's representative to perform area air monitoring prior to and during abatement activity.
- B. The air monitoring firm's representative shall be on site each day asbestos abatement activities are conducted.
- C. The air sampler shall collect a minimum of five air samples prior to the start of interior abatement activities in order to obtain an index of background airborne fiber concentrations. These samples will be analyzed using PCM methods.
  1. Samples shall be taken both inside and outside the work area to establish existing ambient air levels under normal activity conditions.
  2. The air sampler shall document any variations and justifications for the variations and shall maintain a written copy of the sampling variation(s) at the project site for the duration of the abatement.
- D. Samples shall be collected outside the work area at the entrance to the personnel decontamination unit, inside the equipment room, at the air filtration exhaust (5-8 feet), as well as other areas inside the building but outside the work area. Personnel samples may also be collected. During exterior abatement, a minimum of four samples shall be collected from the perimeter of the regulated area with the upwind and downwind samples identified on the chain of custody. The collection media used for air samples shall be a mixed cellulose ester filter having a pore size less than or equal to 0.8 to 1.2 micrometer and a backup pad. Phase Contrast Microscopy (PCM), NIOSH Method 7400, shall be used to analyze area samples collected and results shall be available within 24 hours. Phase Contrast Microscopy (PCM) will be used in analyzing air samples. Verbal reports of analysis results shall be available within 24 hours and written reports shall be provided to the Owner within 10 working days following completion of the project.

### **4.02 FINAL CLEARANCE AIR SAMPLES**

- A. PCM and TEM clearance will be required. PCM samples will be read on site. TEM clearance is based on a 2-3 day turn-around time.
- B. PCM final clearance air samples shall be collected and analyzed by NIOSH Method 7400. Five samples and two blanks will be collected from within each regulated area using a 25-mm cassette. The collection media will be a mixed cellulose ester filter having a pore size less than or equal to 0.8 to 1.2 micrometer and a backup pad.

- C. A sufficient volume of air shall be drawn for each sample to provide a detection limit of 0.005 fibers per cubic meter of air (f/cc). Samples shall be analyzed using the NIOSH Method 7400.
- D. Decontamination of the regulated area will be considered complete if the concentration of fibers for all five samples is less than or equal to 0.01 fibers per cubic centimeter (0.01 f/cc) of air. If at least one of the five sample results is greater than 0.01 f/cc, decontamination of the regulated area is not complete.
- E. The clearance standard for TEM is less than or equal to 70 s/mm<sup>2</sup> using the Mandatory TEM Method described in 40 CFR 763, Appendix A of Subpart E, as amended, and any subsequent amendments and editions. TEM sampling shall be conducted after PCM final air clearance.
- F. If decontamination of the regulated area is not confirmed, the Contractor will be required to reclean the area and perform additional PCM final testing. Such recleaning and retesting shall be performed at no additional cost to the Owner.

#### **PART 5 - DISPOSAL OF ASBESTOS-CONTAINING WASTE**

##### **5.01 ASBESTOS WASTE**

- A. Asbestos-containing waste shall be sealed in pre-labeled, 6-mil polyethylene plastic disposal bags. Bags will be wiped clean and placed inside a second disposal bag and sealed with duct tape. Disposal bag labels shall be in accordance with 29 CFR 1926.1101, 40 CFR Part 61 Subpart M, and 49 CFR 172.
- B. All sealed and bagged waste will be placed in a locked truck cargo area or dumpster to prevent access by unauthorized personnel. Exercise care before and during transport to ensure that no unauthorized persons have access to the material. All waste is to be transported to a landfill by a waste hauler with all required licenses and can only be transported to a landfill licensed to receive asbestos containing waste.
- C. Retain receipts from landfill or processor. At completion of the project, submit copies of waste manifests, chain of custody forms, and landfill receipts to the Owner with request for final payment.
- D. A Waste Shipment Record (WSR) shall be prepared for all asbestos waste materials generated by this project. Copies of WSR shall be made available to the facility Owner.

#### **PART 6 - PROJECT CLOSEOUT**

##### **6.01 DAMAGE REPAIR**

- A. Any damage to surfaces and/or building components, other than those designated for demolition, caused by the Contractor's activity or his workers shall be repaired or replaced at no additional cost to the Owner.

##### **6.02 FINAL CONSTRUCTION SITE CLEAN UP**

- A. Work of this section shall be performed once the Contractor has successfully passed all required final visual inspections and final air clearance testing of the regulated areas, and all asbestos-containing waste has been properly removed from the work site.
- B. Prior to Owner's Representative's final inspection, the Contractor shall remove from within and around the building all debris, waste, trash, etc., generated by the Contractor's workers.

##### **6.03 FINAL INSPECTION**

- A. The Owner's Representative shall set a date for the final inspection when a notice of readiness for final inspection is received from the Contractor. During this inspection the Owner's Representative shall make a written list of any deficiencies.
- B. When any deficient items have been corrected and accepted by the Owner's Representative, the Contractor shall inform the Owner

**6.04 POST-SUBMITTAL DOCUMENTS**

- A. The following documents shall be submitted to the Owner:
  - 1. Copy of an approved notification for demolition and/or renovation from governing agency with dates when removal will begin and be completed
  - 2. Copy of State of Georgia Asbestos Contractor's license
  - 3. Copy of State of Georgia asbestos license of the general Supervisor(s) involved in the project
  - 4. Proof of asbestos worker training for each employee involved in the project
  - 5. Medical examination report for each employee of the Contractor involved in the project
  - 6. Respirator training for each employee of the Contractor involved in the project
  - 7. "Worker Release Form" for each employee of the Contractor involved in the project
  - 8. Safety Data Sheets for all hazardous chemicals incorporated in the work
  - 9. Regulated area sign in/sign out sheets and daily logs maintained by the Contractor's asbestos abatement supervisor
  - 10. Certificate of Visual Inspection for each regulated area signed by the Contractor and a representative of the Owner
  - 11. Waste Shipment Records and Chain of Custody Forms for asbestos waste.

This Work Plan was authored by:

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**Steve Connor**  
**AHERA 4451 exp 1/21/2021**



## CERTIFICATION OF VISUAL INSPECTION FOR ASBESTOS ABATEMENT

In accordance with SECTION 3.17 - **CERTIFICATE OF VISUAL INSPECTION**, the Contractor hereby certifies that he has visually inspected all interior surfaces of the regulated area identified below and has found no dust, debris, or residue.

Area inspected: \_\_\_\_\_

By: (Signature): \_\_\_\_\_ Date: \_\_\_\_\_

(Print Name) \_\_\_\_\_

(Print Title) \_\_\_\_\_

## OWNER'S REPRESENTATIVE'S CERTIFICATION

An authorized representative of the Owner hereby certifies that he has accompanied the Contractor on his visual inspection and verifies that this inspection has been thorough and to the best of his knowledge and belief, the Contractor's certification above is a true and honest one.

By: (Signature): \_\_\_\_\_ Date: \_\_\_\_\_

(Print Name) \_\_\_\_\_

(Print Title) \_\_\_\_\_

**CERTIFICATE OF WORKERS ACKNOWLEDGMENT-ASBESTOS**

**PROJECT NAME:** \_\_\_\_\_

**PROJECT ADDRESS:** \_\_\_\_\_

**CONTRACTOR'S NAME:** \_\_\_\_\_

**WORKING WITH ASBESTOS CAN BE DANGEROUS. INHALING ASBESTOS FIBERS HAS BEEN LINKED WITH VARIOUS TYPES OF CANCER. IF YOU SMOKE AND INHALE ASBESTOS FIBERS THE CHANCE THAT YOU WILL DEVELOP LUNG CANCER IS GREATER THAN THAT OF THE NON-SMOKING PUBLIC.**

Your employer's contract with the Owner for the above project requires that: You be supplied with the proper respirator and be trained in its use. You will be trained in safe work practices and in the use of the equipment found on the job. You will receive a medical examination. These things are to have been done at no cost to you.

**RESPIRATORY PROTECTION:** You must have been trained in the proper use of respirators and informed of the type or respirator to be used on the above referenced project. You must be given a copy of the written respiratory protection manual issued by your employer. You must be equipped at no cost with the respirator to be used on the above project.

**TRAINING COURSE:** You must have been trained in the dangers inherent in handling asbestos and breathing asbestos dust and in proper work procedures and personal and area protective measures. The topics covered in the course must have included the following:

1. Physical characteristics of asbestos
2. Health hazards associated with asbestos
3. Respiratory protection
4. Use of protective equipment
5. Pressure Differential Systems
6. Work practices including hands-on or on-job training
7. Personal decontamination procedures
8. Air monitoring, personal and area

**MEDICAL EXAMINATION:** You must have had a medical examination within 12 months at no cost to you. The examination must have included: Health history, pulmonary function tests, and may have included an evaluation of a chest x-ray.

By signing this document, you are acknowledging only that the Owner of the building you are about to work in has advised you of your rights to training and protection relative to your employer, the Contractor.

**SIGNATURE** \_\_\_\_\_  
**SOCIAL SECURITY No. XXX-XX-** \_\_\_\_\_

**PRINT**  
**NAME:** \_\_\_\_\_ **WITNESS:** \_\_\_\_\_