

ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS

Baseline Asbestos Inspection Report Of Building 720-F





INTEROFFICE MEMORANDUM

June 21, 2023

Q-APG-F-00066-A1
RSM Track Number 10755

TO: Daniel Zielinski, 772-F

FROM: James Moore, 730-4B

BASELINE ASBESTOS INSPECTION OF REPORT OF BUILDING 720-F

On June 21, 2023, a baseline asbestos inspection was performed to revise the report on building 720-F to include the communication cables and the electrical lines. 720-F was built in the late 80's and was used as the Central Alarm System (CAS) building in F-area. The building has a footprint of 3,600 square feet and is erected on a concrete pad. The interior consists of cement masonry block walls, drop acoustical ceiling tiles, and accessible floating floors panels in the computer/control rooms, electrical, communication and UPS equipment rooms. The exterior has a stucco finish over fiberglass mesh and Styrofoam, the roof was inaccessible at the time of the inspection.

Fifteen (15) suspect homogenous types of material were identified during this inspection. Please see the attached Inspection Survey Table and Chain of Custody for descriptions, estimated quantities, locations and bulk sample analytical results of the materials inspected and previous results included.

SUMMARY

All accessible suspect Asbestos Containing Material (ACM) was identified in completion of this inspection. Most of the material are non-asbestos with the exception of the floor tile. The evaluation of the described materials is based on facility knowledge, visual inspection, document review, and collection of bulk samples. Properly trained asbestos personnel should be used for the removal of the floor tile.

The roof, valve & flange gaskets and the filler in the concrete block was not inspected at this time because of inaccessible. If flanges or valves are disassembled, then trained personnel and proper waste disposal will be required.

Samples were analyzed by Polarized Light Microscopy (PLM) initially, if considered to be organically bound; additional Transmission Electron Microscopy (TEM) was used to confirm the negative results, as required SC DHEC Regulation 61-86.1. All analyses were performed by Bureau Veritas North America, Inc. The laboratory is located at 3380 Chastain Meadows Parkway, Suite 300 Kennesaw, GA 30144. Please see the attached laboratory report for a review of accreditations and certifications.

Previous samples were analyzed at the WSRC Industrial Hygiene Laboratory, accredited by the American Industrial Hygiene Association (AIHA) Laboratory Quality Assurance Program (LQAP), in the bulk asbestos Field of Testing (FoT). The laboratory ID number is #3100642. The analysts have attended Course 1608A: Microscopical Identification of Asbestos, presented by McCrone Research Institute or equivalent, and completed the training qualifications to maintain proficiency.

S A V A N N A H R I V E R S I T E
A I K E N , S C 2 9 8 0 8 • W W W . S R S . G O V



INTEROFFICE MEMORANDUM

Q-APG-F-00066-A1
RSM Track Number 10755

<u>ASBESTOS INSPECTOR</u>	<u>INSTITUTION</u>	<u>CERT. NO</u>	<u>STATE</u>	<u>EXP. DATE</u>
James E. Moore	Greenville Tech College	223-ETV502-064	SC	05/18/2024

Included on the SRS Long-term in-house Group license ABS 8021

<u>ASBESTOS INSPECTOR</u>	<u>INSTITUTION</u>	<u>CERT. NO</u>	<u>STATE</u>	<u>EXP. DATE</u>
William K. Padgett	Greenville Tech College	223-ETV502-062	SC	05/18/2024

Included on the SRS Long-term in-house Group license ABS 8021

C: C.R.F., 773-52A
Site D&D Correspondence File
William (Ken) Padgett, 730-4B
Patrick O'Neill, 730-4B
Kimberly Price, 772-F

S A V A N N A H R I V E R S I T E
AIKEN, SC 29808 • WWW.SRS.GOV

INSPECTION SURVEY TABLE FOR 720-F

Homogeneous Number	SUSPECT MATERIAL	DESCRIPTION OF MATERIAL and SAMPLE NUMBERS	AMOUNT	TEST RESULTS	FRIABLE-NONFRIABLE
H01OB	Miscellaneous	Description: Tan floor tile with mastic Sample Number: 720F200226-01A, 720F200226-01B, 720F200226-01C Mastic has ACM and can't be detached from the floor tile	Approximately 590 Square Feet	Positive	Non-friable Good Condition
Location: Rooms 103, 104, 105, 116 and connecting corridors					
H02	Miscellaneous	Description: Vinyl cover acoustical ceiling tile Sample Number: 720F200226-02, 720F200226-03, 720F200226-04	N/A	Negative	N/A
Location: Rooms 106, 108, 116 and connecting corridors					
H03	Miscellaneous	Description: Small fissure acoustical ceiling tile Sample Number: 720F200226-05, 720F200226-06, 720F200226-07	N/A	Negative	N/A
Location: Rooms 103, 104, 105, 116 and connecting corridors					
H04OB	Miscellaneous	Description: Blue fire seal Sample Number: 720F200226-09A, (720F060227-09, 720F060227-10) Sample Number: 720F200226-09A analyzed via TEM	N/A	Negative	N/A
Location: Overhead penetrations					
H05OB	Miscellaneous	Description: Red fire seal Sample Number: 720F200226-10A, (720F060227-11, 720F060227-12) Sample Number: 720F200226-10A analyzed via TEM	N/A	Negative	N/A
Location: Overhead penetrations					
H06OB	Miscellaneous	Description: Interior expansion joint Sample Number: 720F200226-11A, (720F060227-01, 720F060227-02) Sample Number: 720F200226-11A analyzed via TEM	N/A	Negative	N/A
Location: Interior block seams					
H07OB	Miscellaneous	Description: Exterior expansion joint Sample Number: 720F200226-12A, (720F060227-17, 720F060227-18) Sample Number: 720F200226-12A analyzed via TEM	N/A	Negative	N/A
Location: Exterior block seams					

INSPECTION SURVEY TABLE FOR 720-F

Homogeneous Number	SUSPECT MATERIAL	DESCRIPTION OF MATERIAL and SAMPLE NUMBERS	AMOUNT	TEST RESULTS	FRIABLE-NONFRIABLE
H08	TSI	Description: High temperature insulation Sample Number: 720F200226-13, (720F060227-07, 720F060227-08)	N/A	Negative	N/A
Location: North wall on the southeast side of the HVAC system and in Rooms: 110 and 111 Diesel Generator Room					
H09OB	Miscellaneous	Description Black mastic on polyisocyanurate insulation with aluminum jacketing Sample Number: 720F200226-14A, (720F060227-05, 720F060227-06, 720F060227-15, 720F060227-16) Sample Number: 720F200226-14A analyzed via TEM	N/A	Negative	N/A
Location: Room 110, 111 and the exterior northwest side of 720					
H10	Miscellaneous	Description: Stucco siding Sample Number: 720F200226-15, (720F060227-19, 720F060227-20)	N/A	Negative	N/A
Location: Exterior siding					
H11OB	Miscellaneous	Description: Black mastic on foam glass insulation with/without aluminum jacketing Sample Number: 720F200226-16A, 720F200226-16B, 720F200226-16C Sample Number: 720F200226-16A analyzed via TEM	N/A	Negative	N/A
Location: Room 115 routing through the ceiling					
H12	Miscellaneous	Description: Cove base with clear adhesive Sample Number: No samples taken, known not to contain asbestos	N/A	N/A	N/A
Location: Various rooms and corridor throughout the building					
H13	Miscellaneous	Description: White refractory ceramic fiber inside grey silicone impregnated cloth (removable pads) Sample Number: No samples taken, known not to contain asbestos	N/A	N/A	N/A
Location: Room 111 diesel generator piping					
H14	Miscellaneous	Description: Fiberglass blanket with foil backing Sample Number: No samples taken, known not to contain asbestos	N/A	N/A	N/A
Location: HVAC ductwork					
H15	Miscellaneous	Description: Elastomeric foam Sample Number: No samples taken, known not to contain asbestos	N/A	N/A	N/A
Location: Waterlines					