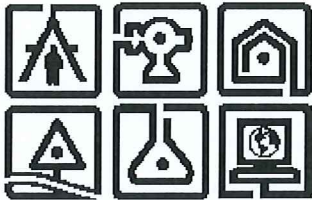


December 2019



Asbestos Containing Material Survey

Garage Structure
30 Park Avenue
City of Albany
Albany County, New York

Prepared for:

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C.T. Male Project No: 10.1650

ASBESTOS CONTAINING MATERIAL SURVEY

Garage Structure
30 Park Avenue
Albany, NY

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1.0 INTRODUCTION

This report presents the findings of an asbestos containing material (ACM) survey of the garage structure located at 30 Park Avenue in Albany, NY. This building is a brick, one-story, three-bay garage with flat roofs.

The purpose of this report was to determine whether there are asbestos containing materials in the structure prior to renovation activities. The survey included identification of suspect asbestos containing materials, quantification, and bulk sampling of suspect asbestos containing materials. Laboratory analysis was performed to determine the presence and type of asbestos in sampled materials. Any material is considered asbestos containing if it contains one percent, or more, asbestos by weight.

What is known as "destructive" inspection and sampling techniques may have been used when necessary. Destructive techniques are used, where appropriate, to look behind walls, above ceilings and under floors to access any piping, sub-structures or miscellaneous materials that may exist.

C.T. Male Associates (C.T. Male) personnel conducted this ACM survey. C.T. Male possesses EPA accreditation and asbestos certification, as required by the New York State Department of Labor, as Inspectors for asbestos.

2.0 SITE VISIT - ASBESTOS CONTAINING MATERIALS

C.T. Male personnel visited the site on December 4 and 13, 2019.

A walk through of the subject areas was conducted during which suspect asbestos containing materials were identified. Three major categories of suspect materials are categorized during asbestos inspections: Surfacing Materials, Thermal System Insulation (TSI) and Miscellaneous Materials. These categories are described below:

Surfacing Material - Materials that are sprayed-on, trowelled-on or otherwise applied to surfaces. Examples include acoustical plaster on ceilings and/or walls, fireproofing materials on structural members, or decorative applications.

Thermal System Insulation - Materials, usually found on piping, fittings, boilers, tanks, ducts or other mechanical components to prevent heat loss or gain.

Miscellaneous ACM - Any other materials including, but not limited to, floor and ceiling tiles, gaskets, felts, paper products, etc. that are neither surfacing materials nor thermal system insulation.

During the course of the site visits, suspect materials of similar type, texture, and appearance are grouped together and considered homogeneous. Each homogeneous material is quantified and, depending on overall quantity as well as the locations of the material throughout the site, an appropriate number of bulk samples were secured.

Suspect Materials Located

1'x1' Ceiling Tile	2'x4' Ceiling Tile
Floor Tile (peel & stick)	Paneling Board
Taping Compound	Drywall
Peg Board	Glazing Material
Caulk Material	Paint
1'x1' Floor Tile	Felt
Rolled Asphalt	Asphalt Patch/Sealant

3.0 SAMPLING AND LABORATORY ANALYSIS

C.T. Male’s representative collected thirty (30) bulk samples during the site-visits. The samples were analyzed using Polarized Light Microscopy (PLM). Non-friable organically bound materials were analyzed using the Matrix Reduction Method in conjunction with PLM based on the New York State Department of Health Environmental Laboratory Approval Program recommendations. Any negative sample analysis results by this method are then analyzed further by Transmission Electron Microscopy (TEM). Non-friable organically bound materials are bound by cements or adhesives. Examples include floor tile, floor tile mastic and sheet floor covering. AmeriSci New York of New York, New York performed analysis of the bulk samples by PLM or TEM. Table 3.0 provides a summary of analysis results.

**TABLE 3.0
BULK SAMPLE ANALYSIS RESULTS**

<u>Sample Location</u>	<u>% ASBESTOS BY WEIGHT</u>	<u>TYPE OF ASBESTOS</u>
120419MS01 Interior Front Finished Area 1’x1’ Ceiling Tile	NA	NAD
120419MS02 Interior Front Finished Area 1’x1’ Ceiling Tile	NA	NAD
120419MS03 Interior Front Finished Area 2’x4’ Ceiling Tile	NA	NAD
120419MS04 Interior Front Finished Area 2’x4’ Ceiling Tile	NA	NAD

NA = Not Applicable

NAD = No Asbestos Detected

C.T. MALE ASSOCIATES

<u>Sample Location</u>	<u>% ASBESTOS BY WEIGHT</u>	<u>TYPE OF ASBESTOS</u>
120419MS05 Interior Front Finished Area Floor Tile (peel & stick)	NA	NAD
120419MS06 Interior Front Finished Area Floor Tile (peel & stick)	NA	NAD
120419MS07 Interior Front Finished Area Paneling Board	NA	NAD
120419MS08 Interior Front Finished Area Paneling Board	NA	NAD
120419MS09 Interior Front Finished Area Taping Compound	NA	NAD
120419MS10 Interior Front Finished Area Taping Compound	NA	NAD
120419MS11 Interior Front Finished Area Drywall	NA	NAD

NA = Not Applicable

NAD = No Asbestos Detected

C.T. MALE ASSOCIATES

<u>Sample Location</u>	<u>% ASBESTOS BY WEIGHT</u>	<u>TYPE OF ASBESTOS</u>
120419MS12 Interior Front Finished Area Drywall	NA	NAD
120419MS13 Interior Garage Area Peg Board	NA	NAD
120419MS14 Interior Garage Area Peg Board	NA	NAD
120419MS15 Interior Garage Area Glazing Material	NA	NAD
120419MS16 Interior Garage Area Glazing Material	NA	NAD
120419MS17 Interior Garage Area Caulk Material	Trace	Chrysotile
120419MS18 Interior Garage Area Caulk Material	Trace	Chrysotile

NA = Not Applicable

NAD = No Asbestos Detected

C.T. MALE ASSOCIATES

<u>Sample Location</u>	<u>% ASBESTOS BY WEIGHT</u>	<u>TYPE OF ASBESTOS</u>
120419MS19 Interior Garage Area Paint	NA	NAD
120419MS20 Interior Garage Area Paint	NA	NAD
120419MS21 Interior Front Finished Area 1'x1' Floor Tile	NA	NAD
120419MS22 Interior Front Finished Area 1'x1' Floor Tile	NA	NAD
120419MS23 Interior Furnace Room 1'x1' Floor Tile	NA	NAD
120419MS24 Interior Furnace Room Paneling Board	NA	NAD
121319MS01 Exterior Wood Wall Felt	NA	NAD

NA = Not Applicable

NAD = No Asbestos Detected

4.0 CONCLUSIONS AND RECOMMENDATIONS

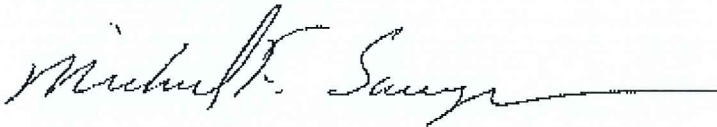
Based upon observations during the inspection and the laboratory analysis results, **no asbestos containing materials were located.**

Per the requirements of NYSDOL Industrial Code Rule 56 (as amended January 12, 2006), the building owner shall transmit copies of this inspection pre-renovation report to 1) the local agency charged with issuing the building demolition/renovation permit; 2) the local Asbestos Control Bureau Office (Albany District, State Office Campus, Building 12 Room 157, Albany, New York 12240); and 3) as required, this report is to be kept on site during any abatement activities and/or demolition, renovation, remodeling or repair activities.

If you have any questions regarding this report, please contact this office at (518) 786-7400.

Respectfully submitted,

C.T. MALE ASSOCIATES

A handwritten signature in black ink, appearing to read "Michael F. Sawyer", with a long horizontal line extending to the right.

Michael F. Sawyer

Managing Industrial Hygienist

NYSDOL License # AH-88-06552 (PM, AST, Inspector and Designer)