

ENVIRONMENTAL MANAGEMENT SOLUTIONS
OF NY, INC.

420 Columbus Avenue
Valhalla, NY 10595
Tel 914 769 6333 – Fax 914 769 1137

April 22, 2020.

Orange County Department of Public Works
2455-2459 Route 17 M
Goshen, NY 10924

Attn: Robert J. Gray

Re: Asbestos Inspection – Boiler room 30 Harriman Drive Goshen, NY

**ASBESTOS - MATERIALS
INSPECTION REPORT**

INDUSTRIAL CODE RULE 56 REQUIREMENTS

Pursuant to NYS ICR 56 as adopted January 11, 2006 any structures undergoing repair/alteration/renovation/demolition must be surveyed for asbestos containing materials and if any are found that would be disturbed by planned activities they must be removed prior to the above-mentioned activities. Additionally, it is the owner's responsibility to transmit one copy of the report to each of the following locations 1) local government entity in charge of permitting 2) local Asbestos Control Bureau district office; and 3) one copy to be kept on site.

PROPERTIES INSPECTED

- 30 Harriman Drive Goshen, NY

TARGET STRUCTURES/AREAS

- Boiler room pipe and fitting insulation

INSPECTION RATIONALE

The inspection of the targeted materials the above referenced location for asbestos containing materials (ACM) was in response to characterize for proper waste disposal.

INSPECTION AND BULK SAMPLE COLLECTION

The targeted areas were surveyed for ACM on April 20, 2020. The survey was performed by Inshan Rahim, (NYS DOL 06-07107) representing EMS of NY. The scope of work was delineated by Orange County DPW personnel.

INSPECTION PROTOCOL

The purpose of the inspection was to identify the presence and location(s) of ACM that may have been disturbed during recent renovation activities. For the purpose of performing this inspection, EMS of NY inspector(s) collected samples of all readily accessible representative materials.

INACCESSIBLE AREAS

At the time of the inspection all targeted materials were accessible. It is possible that materials not readily accessible exist and if encountered during renovation activities should be characterized prior to resuming renovation activities. No probes were performed into wall or ceiling cavities.

LABORATORY

Following collection of bulk samples, the samples were submitted to LTS for analysis. LTS is accredited by the New York State Department of Health (NYS-DOH – (11506) Environmental Laboratory Approval Program (ELAP) to analyze samples for asbestos using Polarized Light Microscopy (PLM) techniques.

Friable and non-friable-organically bound (NOB) materials were analyzed via PLM. If a NOB sample was not found to be positive with PLM techniques, subsequent analysis via Transmission Electron Microscopy (TEM) was performed. As per NYS-DOH regulations, this is the only way to classify a NOB material as negative in New York State.

However, some NOB samples may not have been found to be negative but were intimately associated with materials that were found to be positive (i.e. mastic adhered to a floor tile that was negative). In this case, the sample may not have been further analyzed via TEM. However, all such materials and their associated materials should be deemed “Positive” and treated accordingly.

SAMPLED MATERIALS

The following is a listing of different building materials that were collected and submitted for analysis:

- Pipe fitting insulation

RESULTS & QUANTITIES (Asbestos Containing Materials Only)

Following sample analysis (PLM & TEM), the following targeted materials were found to contain asbestos in concentrations exceeding the applicable one-percent (1%) Federal, State and local guidelines.

MATERIAL	LOCATION	QUANTITY	NOTES
Pipe Fitting Insulation	Boiler room	140 LF	Fair Condition

QUANTITIES (Presumed Asbestos Containing Materials (PACM) Only)

MATERIAL	LOCATION	QUANTITY	NOTES
None-	-	-	-

VISUAL INSPECTIONS (of NON ACM / NON SUSPECT for Asbestos Content)

MATERIAL	LOCATION	QUANTITY	NOTES
Fiberglass insulated pipes	Boiler room	N/A	Fair to poor Condition

CONCLUSIONS

The asbestos inspection of targeted fire brick material located in the pipe fitting insulation of the boiler room of 30 Harriman Drive Goshen, NY **DID** identify ACM that would be impacted by scope of work.

If you have any further questions, please do not hesitate to contact me.

Sincerely

Environmental Management Solutions of New York, Inc.



Bob Friedl
Senior Project Manager

