

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 12/27/2019
Report No.: 606977 - TEM AHERA
Project: Franklin Learning Center
Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6942850
Client No.: ATS-1226-01

Volume: 1800.0 L
Location: Air Shaft On Wallace St, Northeast
Date Sampled: 12/26/19

Density (s/mm³): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942851
Client No.: ATS-1226-02

Volume: 1800.0 L
Location: Air Shaft On Wallace St, Northwest
Date Sampled: 12/26/19

Density (s/mm³): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942852
Client No.: ATS-1226-03

Volume: 1800.0 L
Location: Air Shaft On Wallace St, Southeast
Date Sampled: 12/26/19

Density (s/mm³): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942853
Client No.: ATS-1226-04

Volume: 1800.0 L
Location: Air Shaft On Wallace St, Center
Date Sampled: 12/26/19

Density (s/mm³): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942854
Client No.: ATS-1226-05

Volume: 1800.0 L
Location: Air Shaft On Wallace St, Southwest
Date Sampled: 12/26/19

Density (s/mm³): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

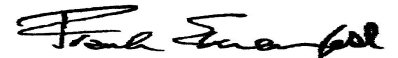
Date Received: 12/26/2019

Date Analyzed: 12/26/2019

Signature: 

Analyst: Craig Liska

Approved By:



Frank E. Ehrenfeld, III

Laboratory Director

CERTIFICATE OF ANALYSIS

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Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6942855
Client No.: ATS-1226-06

Volume: 1800.0 L
Location: Outside Wallace St. Air Shaft At
South Entrance
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942856
Client No.: ATS-1226-07

Volume: 1800.0 L
Location: Outside Wallace St. Air Shaft
Northwest
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942857
Client No.: ATS-1226-08

Volume: 1800.0 L
Location: Outside Wallace St. Air Shaft
Northeast
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942858
Client No.: ATS-1226-09

Volume: 1800.0 L
Location: Outside Wallace St. Southwest
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected


Lab No.: 6942859
Client No.: ATS-1226-10


Volume: 1800.0 L
Location: Outside Wallace St. Shaft Southeast
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
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Signature: 
Analyst: Craig Liska

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6942860
Client No.: ATS-1226-11

Volume: 1800.0 L
Location: Mt. Vernon St Air Shaft North
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942861
Client No.: ATS-1226-12

Volume: 1800.0 L
Location: Mt. Vernon St Air Shaft South
Date Sampled: 12/26/19

Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6942862
Client No.: ATS-1226-13

Volume: 1800.0 L
Location: Mt. Vernon St Air Shaft East
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942863
Client No.: ATS-1226-14

Volume: 1800.0 L
Location: Mt. Vernon St Air Shaft West
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected


Lab No.: 6942864
Client No.: ATS-1226-15


Volume: 1800.0 L
Location: Mt. Vernon St Air Shaft Center
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
Date Analyzed: 12/26/2019
Signature: 
Analyst: Craig Liska

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Client: SYN177

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6942865
Client No.: ATS-1226-16

Volume: 1800.0 L
Location: Outside Mt. Vernon St. Northwest
Ent.
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942866
Client No.: ATS-1226-17

Volume: 1800.0 L
Location: Outside Mt. Vernon Air Shaft North
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942867
Client No.: ATS-1226-18

Volume: 1800.0 L
Location: Outside Mt. Vernon Air Shaft
Northeast
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942868
Client No.: ATS-1226-19

Volume: 1800.0 L
Location: Outside Mt. Vernon Air Shaft
Southeast
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6942869
Client No.: ATS-1226-20

Volume: 1800.0 L
Location: Outside Mt. Vernon Air Shaft
Southwest
Date Sampled: 12/26/19

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
Date Analyzed: 12/27/2019
Signature: Satyra Vani
Analyst: Satya Chinnamaneni

Approved By: Frank E. Ehrenfeld, III
Frank E. Ehrenfeld, III
Laboratory Director

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Report No.: 606977 - TEM AHERA
Project: Franklin Learning Center
Project No.:

Client: SYN177

Appendix to Analytical Report:

Customer Contact: Jacqueline McMahon
Method: 40 CFR 763 Final Rule

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Matrix: Air Cassettes

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

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This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by 40 CFR 763 Final Rule

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation.

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Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942850
Client No.: ATS-1226-01

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Air Shaft On Wallace St, Northeast
Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942851
Client No.: ATS-1226-02

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Air Shaft On Wallace St, Northwest
Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942852
Client No.: ATS-1226-03

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Air Shaft On Wallace St, Southeast
Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected


Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected


Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
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Signature: 
Analyst: Craig Liska

Approved By: 
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Laboratory Director

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Project: Franklin Learning Center
Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942853
Client No.: ATS-1226-04

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Air Shaft On Wallace St, Center
Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6942854
Client No.: ATS-1226-05

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number: DP 5741
EDXA Spectrum ID:


Geometric Mean = 0.0041 Structures/cc


Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Air Shaft On Wallace St, Southwest
Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
Date Analyzed: 12/26/2019
Signature: 
Analyst: Craig Liska

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Report Date: 12/27/2019
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Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942855
Client No.: ATS-1226-06

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Wallace St. Air Shaft At
South Entrance

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942856
Client No.: ATS-1226-07

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Wallace St. Air Shaft
Northwest

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected


Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected


Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

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Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942857
Client No.: ATS-1226-08

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Wallace St. Air Shaft
Northeast

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942858
Client No.: ATS-1226-09

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Wallace St. Southwest

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected


Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected


Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

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Date Received: 12/26/2019
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Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942859
Client No.: ATS-1226-10

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Wallace St. Shaft Southeast

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected


Non-Asbestos Structures: None Detected


Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

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TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942860
Client No.: ATS-1226-11

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Mt. Vernon St Air Shaft North
Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942861
Client No.: ATS-1226-12

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Mt. Vernon St Air Shaft South
Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number: DP 5742
EDXA Spectrum ID:

Lab No.: 6942862
Client No.: ATS-1226-13

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Mt. Vernon St Air Shaft East
Asbestos Structures: None Detected


Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected


Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

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Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942863
Client No.: ATS-1226-14

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Mt. Vernon St Air Shaft West
Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942864
Client No.: ATS-1226-15

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Mt. Vernon St Air Shaft Center
Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45
Non-Asbestos Structures: None Detected


Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected


Micrograph Number:
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
Date Analyzed: 12/26/2019

Signature: 
Analyst: Craig Liska

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 12/27/2019
Report No.: 606977 - TEM AHERA
Project: Franklin Learning Center
Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942865
Client No.: ATS-1226-16

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Mt. Vernon St. Northwest Ent.

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942866
Client No.: ATS-1226-17

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Mt. Vernon Air Shaft North

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
Date Analyzed: 12/27/2019
Signature: Saty Chinnamaneni
Analyst: Satya Chinnamaneni

Approved By: Frank E. Ehrenfeld, III
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 12/27/2019
Report No.: 606977 - TEM AHERA
Project: Franklin Learning Center
Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942867
Client No.: ATS-1226-18

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Mt. Vernon Air Shaft
Northeast

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: 9

Structure Density (s/mm²): 173
Structure Concentration (s/cc): 0.037
Non-Asbestos Type(s): CaS - Gypsum

Micrograph Number:
EDXA Spectrum ID:

Lab No.: 6942868
Client No.: ATS-1226-19

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Mt. Vernon Air Shaft
Southeast

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: 3

Structure Density (s/mm²): 57.7
Structure Concentration (s/cc): 0.012
Non-Asbestos Type(s): CaS - Gypsum

Micrograph Number:
EDXA Spectrum ID:

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
Date Analyzed: 12/27/2019
Signature: Saty Chinnamaneni
Analyst: Satya Chinnamaneni

Approved By: Frank E. Ehrenfeld, III
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Report Date: 12/27/2019
Report No.: 606977 - TEM AHERA
Project: Franklin Learning Center
Project No.:

Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6942869
Client No.: ATS-1226-20

Volume (L): 1800.0 L
Date Sampled: 12/26/19
Location: Outside Mt. Vernon Air Shaft
Southwest

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: 9

Structure Density (s/mm²): 173
Structure Concentration (s/cc): 0.037
Non-Asbestos Type(s): CaS - Gypsum

Micrograph Number:
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/26/2019
Date Analyzed: 12/27/2019
Signature: Saty Chinnamaneni
Analyst: Satya Chinnamaneni

Approved By: Frank E. Ehrenfeld, III
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 12/27/2019
Report No.: 606977 - TEM AHERA
Project: Franklin Learning Center
Project No.: