

Report for:

Eric Oleson
American Engineering Testing Inc
550 Cleveland Avenue N.
Saint Paul, MN 55114

Regarding: Project: P-0009881; DTA
EML ID: 2867518

Approved by:



Approved Signatory
Balu Krishnan

Dates of Analysis:
Asbestos PLM: 03-08-2022

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200844-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: American Engineering Testing Inc
 C/O: Eric Oleson
 Re: P-0009881; DTA

Date of Sampling: 03-03-2022
 Date of Receipt: 03-04-2022
 Date of Report: 03-08-2022

ASBESTOS PLM REPORT

Total Samples Submitted: 27

Total Samples Analyzed: 27

Total Samples with Layer Asbestos Content > 1%: 4

Location: ASB-1, Carpet Glue

Lab ID-Version‡: 13747480-1

Sample Layers	Asbestos Content
Yellow Glue	ND
Sample Composite Homogeneity:	Good

Location: ASB-2, Ceiling tile

Lab ID-Version‡: 13747481-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	55% Mineral Wool 30% Cellulose
Sample Composite Homogeneity:	Good

Location: ASB-3, Kick plate

Lab ID-Version‡: 13747482-1

Sample Layers	Asbestos Content
White Baseboard	ND
Sample Composite Homogeneity:	Good

Location: ASB-4, Ceramic FL tile

Lab ID-Version‡: 13747483-1

Sample Layers	Asbestos Content
Tan Ceramic Tile	ND
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

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Location: ASB-5, Kick plate

Lab ID-Version‡: 13747484-1

Sample Layers	Asbestos Content
Brown Ceramic Tile	ND
Sample Composite Homogeneity: Good	

Location: ASB-6, Drywall Joint Tape Compte

Lab ID-Version‡: 13747485-1

Sample Layers	Asbestos Content
Brown Drywall with Brown Paper	ND
White Wallpaper	ND
White Joint Compound	ND
Composite Non-Asbestos Content:	25% Cellulose
Sample Composite Homogeneity:	Good

Location: ASB-7, Ceiling tile

Lab ID-Version‡: 13747486-1

Sample Layers	Asbestos Content
Gray Ceiling Tile	ND
Composite Non-Asbestos Content:	55% Mineral Wool 30% Cellulose
Sample Composite Homogeneity:	Good

Location: ASB-8, Ceramic Kickplate

Lab ID-Version‡: 13747487-1

Sample Layers	Asbestos Content
Brown Ceramic Tile	ND
Black Grout	ND
Sample Composite Homogeneity:	Good

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Location: ASB-9, Carpet Glue

Lab ID-Version‡: 13747488-1

Sample Layers	Asbestos Content
Yellow Glue	ND
Sample Composite Homogeneity: Good	

Location: ASB-10, Drywall Joint Paper

Lab ID-Version‡: 13747489-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Wallpaper	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity: Good	

Location: ASB-11, Kick Plate

Lab ID-Version‡: 13747490-1

Sample Layers	Asbestos Content
Purple Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: ASB-12, Ceiling tile

Lab ID-Version‡: 13747491-1

Sample Layers	Asbestos Content
White Ceiling Tile	ND
Composite Non-Asbestos Content:	80% Mineral Wool
Sample Composite Homogeneity: Good	

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Lab ID-Version‡: 13747492-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Black/Yellow Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: ASB-14, Ceiling tile

Lab ID-Version‡: 13747493-1

Sample Layers	Asbestos Content
White Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Mineral Wool
Sample Composite Homogeneity: Good	

Location: ASB-15, Br Kickplate

Lab ID-Version‡: 13747494-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: ASB-16, 12"x12" floor tile

Lab ID-Version‡: 13747495-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

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Lab ID-Version‡: 13747496-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool
Sample Composite Homogeneity:	Good

Location: ASB-18, 12"x12" Red/Br floor tile

Lab ID-Version‡: 13747497-1

Sample Layers	Asbestos Content
Brown Floor Tile	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

Location: ASB-19, Ceramic flooring

Lab ID-Version‡: 13747498-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
Gray Grout	ND
Sample Composite Homogeneity:	Good

Location: ASB-20, Kick plate

Lab ID-Version‡: 13747499-1

Sample Layers	Asbestos Content
Black Baseboard	ND
White Mastic	ND
Dark Brown Mastic	ND
Sample Composite Homogeneity:	Good

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Lab ID-Version‡: 13747500-1

Sample Layers	Asbestos Content
Gray Drywall with Brown Paper	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: ASB-22, 12"x12" floor tile

Lab ID-Version‡: 13747501-1

Sample Layers	Asbestos Content
Cream Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: ASB-23, 12"x12" Brown floor tile

Lab ID-Version‡: 13747502-1

Sample Layers	Asbestos Content
Brown Floor Tile	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

Location: ASB-24, Ceramic tile

Lab ID-Version‡: 13747503-1

Sample Layers	Asbestos Content
Off-White Ceramic Tile	ND
Gray Grout	ND
Beige Mortar	ND
Gray Concrete	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: ASB-25, Ceiling tile

Lab ID-Version‡: 13747504-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool
Sample Composite Homogeneity:	Good

Location: ASB-26, Kick plate

Lab ID-Version‡: 13747505-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Brown Mastic	ND
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: ASB-27, Drywall Joint Paper

Lab ID-Version‡: 13747506-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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