



Asbestos Identification Laboratory.

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Batch: 126661

Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Project Information

*Memorial Auditorium Roof,
Worcester,
MA*

*Method: BULK PLM ANALYSIS,
EPA/600/R-93/116*

Dear Ammar Dieb,

Asbestos Identification Laboratory has completed the analysis of the samples from your office for the above referenced project. The Analysis Method is BULK PLM ANALYSIS, EPA/600/R-93/116. The information and analysis contained in this report have been generated using the EPA /600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials. Materials or products that contain more than 1% of any kind or combination of asbestos are considered an asbestos containing building material as determined by the EPA. This Polarized Light Microscope (PLM) technique may be performed either by visual estimation or point counting. Point counting provides a determination of the area percentage of asbestos in a sample. If the asbestos is estimated to be less than 10% by visual estimation of friable material, the determination may be repeated using the point counting technique. The results of the point counting supersede visual PLM results. Results in this report only relate to the items tested. This report may not be used by the customer to claim product endorsement by NVLAP or any other U.S. Government Agency.

Laboratory results represent the analysis of samples as submitted by the customer. Information regarding sample location, description, area, volume, etc., was provided by the customer. Information provided by the customer can affect the validity of results. Asbestos Identification Laboratory is not responsible for sample collection activities or analytical method limitations. Unless notified in writing to return samples, Asbestos Identification Laboratory discards customer samples after 30 days. Samples containing subsamples or layers will be analyzed separately when applicable. Reports are kept at Asbestos Identification Laboratory for three years. All customer information will be maintained in confidentiality. This report shall not be reproduced, except in full, without the written consent of Asbestos Identification Laboratory.

- NVLAP Lab Code: 200919-0
- Massachusetts Certification License: AA000208
- State of Connecticut, Department of Public Health Approved Environmental Laboratory Registration Number: PH-0142
- State of Maine, Department of Environmental Protection Asbestos Analytical Laboratory License Number: LB-0078(Bulk) LA-0087(Air)
- State of Rhode Island and Providence Plantations. Department of Health Certification: AAL-121
- State of Vermont, Department of Health Environmental Health License AL934461

Thank you Ammar Dieb for your business.

Michael Manning
Owner/Director

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
1	Roof Tar on Deck	Little Theatre Cut 1	black	Non-Fibrous 100	None Detected
1404478					
2	Roof Tar on Deck	Little Theatre Cut 2	black	Non-Fibrous 98	Detected Chrysotile 2
1404479					
3	Roof Tar on Deck	High Roof at Stage Cut 3	black	Non-Fibrous 98	Detected Chrysotile 2
1404480					
4	Roof Tar on Deck	High Roof at Stage Cut 4	black	Non-Fibrous 100	None Detected
1404481					
5	Roof Tar on Deck	Main Roof Cut 5	black	Non-Fibrous 100	None Detected
1404482					
6	Roof Tar on Deck	Main Roof Cut 6	black	Non-Fibrous 100	None Detected
1404483					
7	Roof Tar on Deck	Front Roof Cut 9	black	Non-Fibrous 100	None Detected
1404484					
8	Roof Tar on Deck	Front Roof Cut 10	black	Non-Fibrous 100	None Detected
1404485					
9	Light Weight Cement Deck	Little Theatre Cut 1	gray	Non-Fibrous 100	None Detected
1404486					
10	Light Weight Cement Deck	Little Theatre Cut 2	gray	Non-Fibrous 100	None Detected
1404487					
11	Light Weight Cement Deck	High Roof at Stage Cut 3	gray	Non-Fibrous 100	None Detected
1404488					
12	Light Weight Cement Deck	High Roof at Stage Cut 4	gray	Non-Fibrous 100	None Detected
1404489					
13	Light Weight Cement Deck	Main Roof Cut 5	gray	Non-Fibrous 100	None Detected
1404490					
14	Light Weight Cement Deck	Main Roof Cut 6	gray	Non-Fibrous 100	None Detected
1404491					
15	Light Weight Cement Deck	High Roof Front Cut 7	gray	Non-Fibrous 100	None Detected
1404492					
16	Light Weight Cement Deck	High Roof Front Cut 8	gray	Non-Fibrous 100	None Detected
1404493					

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
17	Light Weight Cement Deck	Front Roof Cut 9	gray	Non-Fibrous 100	None Detected
1404494					
18	Light Weight Cement Deck	Front Roof Cut 10	gray	Non-Fibrous 100	None Detected
1404495					
19	Tar Paper	Little Theatre Roof Cut	black	Non-Fibrous 100	None Detected
1404496					
20	Tar Paper	Little Theatre Vent Curb	black	Non-Fibrous 100	None Detected
1404497					
21	Flashing Caulk	Little Theatre Parapet Wall	multi	Non-Fibrous 97	Detected Chrysotile 3
1404498					
22	Flashing Caulk	Little Theatre Parapet Wall	multi	Non-Fibrous 97	Detected Chrysotile 3
1404499					
23	Pipe Penetration Tar	Main Roof	black	Non-Fibrous 100	None Detected
1404500					
24	Pipe Penetration Tar	Main Roof	black	Non-Fibrous 100	None Detected
1404501					
25	Pipe Penetration Tar	High Roof Front	black	Non-Fibrous 100	None Detected
1404502					
26	Tar on Copper	Little Theatre Vent	black	Non-Fibrous 95	Detected Chrysotile 5
1404503					
27	Tar on Copper	Main Roof Vent	black	Non-Fibrous 95	Detected Chrysotile 5
1404504					
28	Tar on Copper	High Roof Stage Penthouse	black	Non-Fibrous 95	Detected Chrysotile 5
1404505					
29	Masonry Caulk	Roof Parapet	gray	Non-Fibrous 100	None Detected
1404506					
30	Masonry Caulk	Roof Parapet	gray	Non-Fibrous 100	None Detected
1404507					
31	Roofing Tar	Terrace under Block	black	Non-Fibrous 100	None Detected
1404508					
32	Roofing Tar	Terrace under Block	black	Non-Fibrous 100	None Detected
1404509					

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
33 1404510	Flashing Tar	Terrace Wall	black	Non-Fibrous 100	None Detected
34 1404511	Flashing Tar	Terrace Wall	black	Non-Fibrous 100	None Detected
35 1404512	Flashing Caulk	Terrace Wall	gray	Non-Fibrous 97	Detected Chrysotile 3
36 1404513	Flashing Caulk	Terrace Wall	gray	Non-Fibrous 97	Detected Chrysotile 3

CHAIN OF CUSTODY

Universal Environmental Consultants
12 Brewster Road
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PLM
24-hour TAT

Town/City: Worcester, MA Building Name: Memorial Auditorium Roof

Sample	Description of Material	Sample Location
1	Roof tar on deck	Little theatre cut 1
2		Little theatre cut 2
3		High Roof at stage cut 3
4		High Roof at stage cut 4
5		main Roof cut 5
6		main Roof cut 6
7		Front Roof cut 9
8		Front Roof cut 10
9	Lightweight cement deck	Little theatre cut 1
10		Little theatre cut 2
11		High Roof at stage cut 3
12		High Roof at stage cut 4
13		main Roof cut 5
14		main Roof cut 6
15		High Roof Front cut 7
16		High Roof front cut 8
17		Front Roof cut 9
18		Front Roof cut 10
19	Tar paper	Little theatre Roof cut
20	1 1	Little theatre vent curb

Reported By: Jason Becotte Date: 11-19-24

Due Date: 24-Hours

Received By: [Signature] Date: 11/19/24

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PLM

Town/City: Worcester, MA Building Name Memorial Auditorium Roof

Sample	Description of Material	Sample Location
21	Flashing caulk	Little theatre parapet wall
22		
23	Pipe penetration tar	main Roof
24		
25		High Roof Front
26	Tar on copper	Little theatre vent
27		main Roof vent
28		High Roof stage Penthouse
29	masonry caulk	Roof parapet
30		
31	Roofing tar	Terrace under Block
32		
33	Flashing tar	Terrace wall
34		
35	Flashing caulk	Terrace wall
36		

Reported By: Jason Becette Date: 11-19-24

Due Date: 24-Hours

Received By: _____ Date: _____