

DEP Inspection Report

Client:

MASS DEP - CERO
8 New Bond St.
Worcester, MA 01606
Attn: Juan Rascon

Certificate of Analysis

Project Name: 70 Waterford St. Gardner MA

Project ID: 26018253

Date Collected: 05/21/26
Date Received: 05/21/26
Date Analyzed: 05/29/26
Date Reported: 05/29/26
Job ID: 26018253

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM)**; EPA 600/R-93/116; Method for Asbestos in Bulk Building Materials; EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo- geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
					Asbestos Detected (Y/N)	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
01	26018253-001-A	Gray Floor Tile	N	60	AN, CHRY	5,2	0	93	
	26018253-001-B	Black Cementitious Material	N	40	ND	0	0	100	
02	26018253-002-A	Black Mastic	N	100	CHRY	7	3	90	CELL
03	26018253-003-A	Gray Floor Tile	N	80	AN, CHRY	5	0	95	
	26018253-003-B	Brown Top Mastic	N	20	ND	0	2	98	CELL, SYN
04	26018253-004-A	Brown Mastic	N	100	ND	0	<1	100	CELL
05	26018253-005-A	Brown Glue Daub	N	100	ND	0	0	100	
06	26018253-006-A	Gray Debris Boiler Room	N	100	ND	0	<1	100	FBG
07	26018253-007-A	Brown Floor Tile 9x9	N	100	CHRY	<1	0	100	
08	26018253-008-A	Black Mastic	N	100	CHRY	2	3	95	CELL

Becca Foster

Becca Foster
Analyst

Aimee Cormier

Aimee Cormier
Lab Manager

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms
CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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09	26018253-009-A	Black Cove Base	N	100	ND	0	0	100	
10	26018253-010-A	Brown Adhesive	N	100	ND	0	5	95	CELL
11	26018253-011-A	Multicolored Pipe Insulation	N	100	ND	0	5	95	CELL, SYN
12	26018253-012-A	White Floor Tile 12x12	N	100	ND	0	<1	100	CELL
13	2601253-013-A	Tan Mastic	N	100	ND	0	12	88	CELL, FBG
14	26018253-014-A	Red Floor Tile Red	N	100	CHRY	<1	2	98	CELL
15	2601853-015-A	Black Mastic	N	100	CHRY	5	3	92	CELL
16	26018253-016-A	Green Floor Tile 9x9	N	100	ND	0	0	100	
17	26018253-017-A	Black Mastic	N	100	CHRY	5	0	95	
18	26018253-018-A	Black Cove Base	N	100	ND	0	0	100	

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AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
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Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
19	26018253-019-A	Tan Adhesive	N	100	ND	0	30	70	CELL
20	26018253-020-A	White Cementitious Ceiling Tile	N	100	CHRY	10	5	85	CELL

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General Notes

- * **ND** indicates no asbestos was detected; the method detection limit is 1%.
- * **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.
- * All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.
- * Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.
- * These results are submitted pursuant to Pace Analytical Services, LLC's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.
- * Unless notified in writing to return the samples covered by this report, Pace Analytical Services, LLC will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.
- * Pace Analytical Services, LLC does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

- * Pace Analytical Services, LLC shall be responsible for all the information provided in the report, except when information is provided by the customer. Pace Analytical Services, LLC is not responsible for the sampling activity.
- * This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
- * This test report relates only to the items tested.
- * This report is not valid unless it bears the name of a NVLAP-approved signatory.