



EMSL Analytical, Inc.

307 West 38th Street, New York, NY 10018
(212) 290-0051

Attn: TRC Environmental Consultants
1430 Broadway, 10th Floor
New York, NY 10018

Fax: (212) 221-7840 Phone: (212) 221-7822
Project: LMDC/ URS/ 130 LIBERTY

Customer ID: TRCE51
Customer PO:
Received: 06/18/05 10:26 AM
EMSL Order: 030516707
EMSL Proj: 130 Liberty Street

Report Date: 6/21/2005

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
008 030516707-0008	PLM NYS 198.1 Friable	6/20/2005	Brown	17.60% Min. Wool 24.90% Cellulose	57.5%	None Detected	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-2	TEM NYS 198.4 NOB				N/A		Not Analyzed
009 030516707-0009	PLM NYS 198.1 Friable	6/20/2005	Brown	14.30% Min. Wool 29.40% Cellulose	56.3%	None Detected	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-2	TEM NYS 198.4 NOB				N/A		Not Analyzed
010 030516707-0010	PLM NYS 198.1 Friable	6/20/2005	Brown	12.90% Min. Wool 24.30% Cellulose	62.8%	None Detected	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-5	TEM NYS 198.4 NOB				N/A		Not Analyzed
011 030516707-0011	PLM NYS 198.1 Friable	6/20/2005	Brown	18.50% Min. Wool 22.70% Cellulose	58.8%	None Detected	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-5	TEM NYS 198.4 NOB				N/A		Not Analyzed
012 030516707-0012	PLM NYS 198.1 Friable	6/20/2005	Brown	13.10% Min. Wool 25.20% Cellulose	61.7%	None Detected	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-5	TEM NYS 198.4 NOB				N/A		Not Analyzed
013 030516707-0013	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Gray/Green		N/A	Inconclusive: None Detected	
ALUMINUM COVER CAULKING/ F-1	TEM NYS 198.4 NOB	6/20/2005	Gray/Green		N/A	1.5% Chrysotile 1.5% Total	
014 030516707-0014	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Green		N/A	Inconclusive: None Detected	
ALUMINUM COVER CAULKING/ F-1	TEM NYS 198.4 NOB	6/20/2005	Green		N/A	1.6% Chrysotile 1.6% Total	

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Asbestos Analysis of Bulk Material

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				Fibrous	Non-Fibrous		
015 030516707-0015 ALUMINUM COVER CAULKING/ F-1	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Green		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	6/20/2005	Green		N/A	1.5% Chrysotile 1.5% Total	
016 030516707-0016 ALUMINUM COVER CAULKING/ G-1	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Gray		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	6/20/2005	Gray		N/A	1.5% Chrysotile 1.5% Total	
017 030516707-0017 ALUMINUM COVER CAULKING/ G-1	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Green		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	6/20/2005	Green		N/A	2.2% Chrysotile 2.2% Total	
018 030516707-0018 ALUMINUM COVER CAULKING/ G-1	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Gray		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	6/20/2005	Gray		N/A	2.0% Chrysotile 2.0% Total	
019 030516707-0019 ALUMINUM COVER CAULKING/ H-2	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Gray		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	6/20/2005	Gray		N/A	2.3% Chrysotile 2.3% Total	
020 030516707-0020 ALUMINUM COVER CAULKING/ H-2	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Green		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	6/20/2005	Green		N/A	1.7% Chrysotile 1.7% Total	
021 030516707-0021 ALUMINUM COVER CAULKING/ H-2	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Gray		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	6/20/2005	Gray		N/A	1.6% Chrysotile 1.6% Total	

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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
022	PLM NYS 198.1 Friable						Not Analyzed
030516707-0022	PLM NYS 198.1 NOB	6/20/2005	Green/Gray		N/A	Inconclusive: None Detected	
ALUMINUM COVER CAULKING/ H-5	TEM NYS 198.4 NOB	6/20/2005	Green/Gray		N/A	1.5% Chrysotile 1.5% Total	
023	PLM NYS 198.1 Friable						Not Analyzed
030516707-0023	PLM NYS 198.1 NOB	6/20/2005	Green/Gray		N/A	Inconclusive: None Detected	
ALUMINUM COVER CAULKING/ H-5	TEM NYS 198.4 NOB	6/20/2005	Green/Gray		N/A	3.1% Chrysotile 3.1% Total	
024	PLM NYS 198.1 Friable						Not Analyzed
030516707-0024	PLM NYS 198.1 NOB	6/20/2005	Green/Gray		N/A	Inconclusive: None Detected	
ALUMINUM COVER CAULKING/ H-5	TEM NYS 198.4 NOB	6/20/2005	Green/Gray		N/A	4.1% Chrysotile 4.1% Total	

 NOB = Non Friable Organically Bound
 N/A = Not Applicable

Analyst(s)

Aline Fontaine

Mark Peysakhov

 Jose Arriaga
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The results in this report meet all requirements of the NELAC Standards unless otherwise noted. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB's. Quantitative TEM is currently the only method that can be used to determine if a NOB material can be considered or treated as non-asbestos containing.

ACCREDITATIONS: NVLAP #101048-9 and NY STATE ELAP #11506

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