NYC 9/11 Public Portal Document

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EMSL

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Project: WTC

Customer ID: LOCK55
Customer PO:
Received: 10/27/01 4:00 PM
EMSL Order: 030107052
EMSL Project ID:
Analysis Date: 10/28/01

Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Treatment	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
05890 030107052-0001	N. TOWER WEST	Gray Fibrous Heterogeneous	Teased Dissolved	1.00% Glass 4.00% Cellulose	95.00% Non-fibrous (other)	None Detected
05891 030107052-0002	N. TOWER WEST	Gray Fibrous Heterogeneous	Teased Dissolved	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
05892 030107052-0003	N. TOWER NORTH	Gray Non-Fibrous Heterogeneous	Teased Dissolved	2.00% Cellulose	98.00% Non-fibrous (other)	<1% Chrysotile
05893 030107052-0004	WEST ST AMEX	Tan Fibrous Heterogeneous	Teased Dissolved	40.00% Min. Wool 5.00% Cellulose	32.78% Non-fibrous (other)	22.22% Chrysotile
05894 030107052-0005	N. TOWER SE	Gray Fibrous Heterogeneous	Teased Dissolved	1.00% Min. Wool 2.00% Cellulose	97.00% Non-fibrous (other)	<1% Chrysotile
05895 030107052-0006	S. TOWER E EDGE	Gray Fibrous Heterogeneous	Teased Dissolved	2.00% Min. Wool 3.00% Cellulose	95.00% Non-fibrous (other)	None Detected
05896 030107052-0007	S. TOWER NE	Gray Fibrous Heterogeneous	Teased Dissolved	2.00% Min. Wool 5.00% Cellulose	93.00% Non-fibrous (other)	None Detected
05897 030107052-0008	S. TOWER NE	Gray Fibrous Heterogeneous	Teased Dissolved	2.00% Min. Wool 5.00% Cellulose	93.00% Non-fibrous (other)	None Detected
05898 030107052-0009	AUSTIN TOBIN PLAZA	Tan Fibrous Heterogeneous	Teased Dissolved	50.00% Min. Wool	50.00% Non-fibrous (other)	None Detected

Dan Osborne
Analyst

Laboratory Manager
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or non-detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government.
Analysis performed by EMSL Manhattan (NVLAP #101048-0), NY ELAP 11505

PLM Point Count-1

CITY_21MC100_003038798

NYC-WTC_000307461

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Project: RIA00236

Customer ID: LOCK55
Customer PO:
Received: 10/24/01 5:04 PM
EMSL Order: 040116578
EMSL Project ID:
Analysis Date: 10/25/2001

Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Treatment	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
05874 040116578-0001	L.F. MAINTENANCE #1	Tan Fibrous Heterogeneous	Teased	15.00% Cellulose 65.00% Min. Wool	20.00% Non-fibrous (other)	<1% Chrysotile
05875 040116578-0002	L.F. MAINTENANCE #1	Tan Fibrous Heterogeneous	Teased	10.00% Cellulose 57.00% Min. Wool	25.50% Non-fibrous (other)	7.50% Chrysotile
05876 040116578-0003	L.F. MAINTENANCE #1	Tan Fibrous Heterogeneous	Teased	10.00% Cellulose 50.00% Min. Wool	36.50% Non-fibrous (other)	3.50% Chrysotile
05877 040116578-0004	L.F. MAINTENANCE #2	Tan Fibrous Homogeneous	Teased	35.00% Cellulose 5.00% Glass 40.00% Min. Wool	20.00% Non-fibrous (other)	None Detected
5878 040116578-0005	L.F. MAINTENANCE #2	Tan Fibrous Heterogeneous	Teased	25.00% Cellulose 5.00% Glass 45.00% Min. Wool	25.00% Non-fibrous (other)	<1% Chrysotile
05879 040116578-0006	L.F. MAINTENANCE #2	Tan Fibrous Heterogeneous	Teased	10.00% Cellulose 5.00% Glass 60.00% Min. Wool	25.00% Non-fibrous (other)	None Detected
05880 040116578-0007	L.F. MAINTENANCE #3	Tan Fibrous Heterogeneous	Teased	20.00% Cellulose 40.00% Min. Wool	40.00% Non-fibrous (other)	None Detected
05881 040116578-0008	L.F. MAINTENANCE #3	Brown/Tan Fibrous Heterogeneous	Teased	20.00% Cellulose 45.00% Min. Wool	35.00% Non-fibrous (other)	None Detected
05882 040116578-0009	L.F. BULK STEEL EAST	Tan Fibrous Heterogeneous	Teased	5.00% Cellulose 70.00% Min. Wool	25.00% Non-fibrous (other)	None Detected
05883 040116578-0010	L.F. BULK STEEL EAST	Tan Fibrous Heterogeneous	Teased	5.00% Cellulose 75.00% Min. Wool	20.00% Non-fibrous (other)	None Detected

Al Oswald
Analyst

Stephen Siegel, CIH
or other approved signatory

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Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

PLMPointCount-1 1

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Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

				Non-Asbestos		Asbestos
Sample	Location	Appearance	Treatment	% Fibrous	% Non-Fibrous	% Type
05884 040116578-0011	L.F. BULK STEEL SE	Tan Fibrous Heterogeneous	Teased	2.50% Cellulose 65.00% Min. Wool	30.00% Non-fibrous (other)	2.50% Chrysotile
05885 040116578-0012	L.F. BULK STEEL SE	Tan Fibrous Heterogeneous	Teased	65.00% Min. Wool	28.70% Non-fibrous (other)	1.30% Chrysotile 5.00% Tremolite
05886 040116578-0013	L.F. BULK STEEL W	Brown/Tan Fibrous Heterogeneous	Teased	25.00% Cellulose 15.00% Glass	60.00% Non-fibrous (other)	None Detected
05887 040116578-0014	L.F. BULK STEEL W	Brown/Tan Fibrous Heterogeneous	Teased	30.00% Cellulose 15.00% Glass	55.00% Non-fibrous (other)	None Detected
05888 040116578-0015	L.F. W SIDE ACTIVE BANK	Brown Fibrous Heterogeneous	Teased	25.00% Cellulose	75.00% Non-fibrous (other)	None Detected
05889 040116578-0016	L.F. W SIDE ACTIVE BANK	Brown Fibrous Heterogeneous	Teased	20.00% Cellulose	80.00% Non-fibrous (other)	None Detected

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