NYC 9/11 Public Portal Document

EMSL Analytical, Inc.

208 Stonehinge Lane
Carle Place, NY 11514
Phone: (516) 997-7251 Fax: (516) 997-7528

EMSL

Attn.:
Pedneault Associates, Inc.
1615 Ninth Avenue
Bohemia, NY 11716

Tuesday, February 26, 2002

Ref Number: LI023226

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 96 CHS Man

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
121		Grey Fibrous Heterogeneous	Teased		None Detected	10.% 30.%	Cellulose Min. Wool	60.%	Other
122		Grey Fibrous Heterogeneous	Teased		Trace Chrysotile	40.% 20.%	Cellulose Min. Wool	40.%	Other
123		Grey Fibrous Heterogeneous	Teased		None Detected	40.% 30.%	Cellulose Min. Wool	30.%	Other
125		Grey Fibrous Heterogeneous	Teased		Trace Chrysotile	40.% 20.%	Cellulose Min. Wool	40.%	Other
126		Grey Fibrous Heterogeneous	Teased		None Detected	40.% 30.%	Cellulose Min. Wool	30.%	Other
127		Grey Fibrous Heterogeneous	Teased		None Detected	40.% 40.%	Cellulose Min. Wool	20.%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples each component is analyzed seperately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples analyzed by ELAP 198.1 Method.

Daniel Clarke
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or 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. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Long Island (NVLAP, Nevada Bulk #101048-10, NY ELAP 11400, CA ELAP 2000, CT PH 0140)

CITY_21MC100_002953645

NYC-WTC_000289167

EMSL Analytical, Inc.

208 Stonehinge Lane
Carle Place, NY 11514
Phone: (516) 997-7251 Fax: (516) 997-7528

EMSL

Attn.:
Pedneault Associates, Inc.
1815 Ninth Avenue
Bohemia, NY 11716

Tuesday, February 26, 2002

Ref Number: LI023226

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 96 CHS Man

Sample	Location	Appearance	Sample Treatment	ASBESTOS %	ASBESTOS Type	NON-ASBESTOS %	NON-ASBESTOS Fibrous	NON-ASBESTOS %	NON-ASBESTOS Non-Fibrous
123 QC		Grey Fibrous Heterogeneous	Teased			40.% 30.%	Cellulose Min. Wool	30.%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately Also, "# of Layers" refers to number of separable subsamples.
* NY samples analyzed by ELAP 198.1 Method.

Daniel Clarke
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or 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. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.
Analysis performed by EMSL Long Island (NVLAP Air and Bulk #101040-10, NY ELAP 11469, CA ELAP 2338, CT PH-0243)