NYC 9/11 Public Portal Document

TEM - MicroVac Sample Work Sheet

IATL International Asbestos Testing Laboratories

Client Name: IT-Corp. Date: 12/27(28)/2001 IATL Sample #: 1403425

Client Project #: 834345 Client Sample #: AGB-1218-G-W24

Sample Type: MicroVac / Dust [ASTM D5755-95] IATL Grid Box #: 3089

Grid Archive ID#: +3

Instrument ID:	I	H-600AB, 542-47-3 Kevex Delta II,	Magnification:	20,000X	Accelerating Voltage:	100KeV
			Filter Dia. (mm):	25, 37, (47)	Filter Pore Size (µm):	0.1, 0.80, (0.45)
	II	H-600AB, 542-47-7 Kevex 7500	Filter Type:	(MCE), PC		0.40 (50)

Grid Opening: 0,115 (mm) X 0,115 (mm)

Grid Opening Area: 0,013 (mm²)

Grid Openings Examined: 4

Total Area Analyzed: 0,052 (mm²)

Area Sampled: 929,0 (cm²) or [redacted]

Volume of Aliquot: 20 (mL)

Analytical Sensitivity: 19,2 (mm²)

Min.Det. Limit: 463 [redacted]F/cm²) or [redacted] 2240

Total Asbestos Structures: 9

>0.5µm, <5.0µm: 9

>5.0µm:

Asbestos: 173 (mm²)

Asbestos: 4163 [redacted]F/cm²) or [redacted]

Total Non-Asbestos Structures: ND

Non-Asbestos: <19,2 (mm²)

Non-Asbestos: <463 [redacted]F/cm²) or [redacted]

2240.0 <2249.6

Analysis Data:

Grid ID	Structure Number	Structure Type F/B/C/M	>0.5µm <5.0µm	>5.0µm	Chrysotile *	Amphibole **	Non-Asbestos ***	Micrograph / EDS ID
H-4	1	F	✓		Chrys			
5	1	M	✓		Chrys			
	1	M	✓		Chrys			
6	1	F	✓		Chrys			
	111	M	✓		Chrys			
7	11	M	✓		Chrys			
Total:								

* Must confirm by Morphology, SAED, and EDXA for each suspect asbestos fiber
Record visible prominent Chrysotile DP reflections (002, 004, 110, 130, 220, 200)

** Define Amphibole (DP obtained Y/N). Print-out EDS and attach.

*** Characterize by EDS

Prep Quality: (✓+, ✓, ✓-)
Dissolution ✓
Carbon Film ✓
Loading ✓-

Comments:

Analyzed By: BMD/CL/BR/JS

Reviewed By:

Page ___ of ___

1636

CONFIDENTIAL. SUBJECT TO PROTECTIVE ORDER NO. 2. SEPT. 2008

NYC-WTC_000246453