NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	Airtek	**Volume (liters):**	1300
Lab Group #:	6120	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	1	**Grid Opening Size:**	0.01124
Client Sample #:	01	**Area Examined:**	0.06744 mm²
GRID BOX:	664	**Magnification:**	20,000
GRID ID:	5E6A	**Accelerating Voltage:**	100 KeV
# Grid Openings:	6	**Analysis Date:**	12/16/01

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO	Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonadb Elements)
No Coord		F	B	C	M	>=05 µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	
1 X2	NSD											
2 Q2	4											
3 J2	4											
4 H6	4											
5 F6	4											
6 J6	11											

Struct = > 0.5µ > 5:1 Aspect Ratio

√= Positive diffraction pattern properties conforming to laboratory identification criteria observed

√= EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber
B = Bundle (<3 fibers <1 fiber diameter apart
C = Cluster (>3 Intersections)
M = Matrix
NSD = No Structures Detected

Grid acceptance:

<50% undissolved filter, overlapped or folded <10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	>5µ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					