

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Bernard Orlan
 N.Y.C. Board of Education
 28-11 Queens Plaza North
 Long Island City, NY 11101

Received: 5/11/02 6:00:00 PM
ATC Group #: 7717
Analysis Date: 5/12/02

Fax: (212) 475-4122 **Phone:** (212) 477-8941

Project: H.S. Of Economics And Finance
 100 Trinity Place, New York, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
 by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm²)	(S/cc)	
04 7717 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 7717 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 7717 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 7717 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
08 7717 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
09 7717 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 7717 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This reports relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis' accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

Page 1 of 3

CONFIDENTIAL,

CITY_21MC100_003460727

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

Attn: Mr. Bernard Orlan
N.Y.C. Board of Education
28-11 Queens Plaza North
Long Island City, NY 11101

Received: 5/11/02 6:00:00 PM
ATC Group #: 7717
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Project: H.S. Of Economics And Finance
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**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm ²)	(S/cc)	
11 7717 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 7717 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 7717 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 7717 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 7717 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
16 7717 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
17 7717 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
18 7717 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
19 7717 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

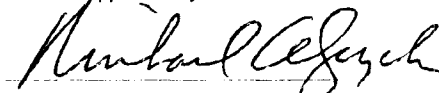
ROMAN PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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Accredited for NVLAP PLM/TEM #101187-0; NY State ELAP #10879

Page 2 of 3

CONFIDENTIAL,

CITY_21MC100_003460728

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Attn: Mr. Bernard Orlan
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Long Island City, NY 11101

Received: 5/11/02 6:00:00 PM
ATC Group #: 7717
Analysis Date: 5/12/02

Fax: (212) 475-4122 Phone: (212) 477-8941

Project: H.S. Of Economics And Finance
100 Trinity Place, New York, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm²)	(S/cc)	
20 7717 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

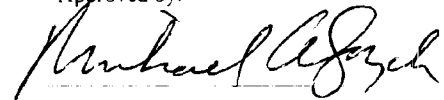
ROMAN PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of 3

TURNAROUND TIME			
☐ 2 hrs	☐ 6 hrs	☐ 48 hrs	☐ Standard
☐ 4 hrs	☐ 24 hrs	☐ 72 hrs	☒ Other <u>ASAP</u>

PROJECT INFORMATION

1. Client: <u>NYC-BOE</u>		2. Project Name <u>HQ for Economics/Finance</u>		3. Project # <u>14584-865</u>		4. Project Monitor: <u>Soumya Ramlal</u>		4c. Rotameter Number: <u>HP-115</u>	
2a. Project Address <u>100 Trinity Place</u>		3a. Task # <u>001</u>		4a. Air Sampler: <u>Soumya Ramlal</u>					
5. Date: <u>5/11/02</u>		6. Abatement Location: <u>As Per Protocol</u>		7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture <u>N/A</u> Lot # _____		8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture <u>Multi-Metre</u> Lot # <u>01205916</u>		9. Type: c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Background g. ☒ Ambient h. ☐ Other	

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location			13. Time (24 hrs clock)			14. Flow Rate (L/min.)			15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Avg			
01-02				Field Blank									
03				Field Blank									
04			✓	outside main Entrance to Building	8:01	11:46	225	8	8	8	1800		
05		✓		Frist Floor LOBBY	8:02	11:47	225	8	8	8	1800		
06		✓		Inside The Auditorium	8:03	11:48	225	8	8	8	1800		
07		✓		Hallway AT Entrance to Room 308	8:06	11:51	225	8	8	8	1800		
08		✓		Inside Room 406	8:09	11:54	225	8	8	8	1800		
09		✓		Hallway near watercooler	8:12	11:57	225	8	8	8	1800		
				5FL									

CHAIN OF CUSTODY

18. Relinquished By: <u>I. A. Ramlal</u>		19. Received By: <u>M. Graf</u>		20. Date: <u>05/11</u>		21. Time: <u>18:00</u>	
II							
III							
26. ATC Project Manager:		27. Result To: _____ Beeper/Phone #'s _____					

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name: <u>ATC-TECH</u>		23. Date: <u>5/12/02</u>		24. Time: <u>4:30</u>		25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079	
a. Analyzed By: <u>R. D. Dwy</u>							
b. QC By:							
c. Lab Batch #:						Analysis Methodology PCM - NIOSH 7400A TEM - AHERA	
28. Comments:							

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003460747



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

 Page 2 of 3

TURNAROUND TIME			
☐ 2 hrs	☐ 6 hrs	☐ 48 hrs	☐ Standard
☐ 4 hrs	☐ 24 hrs	☐ 72 hrs	☒ Other <u>ASAP</u>

PROJECT INFORMATION

1. Client: <u>NYC - BOE</u>		2. Project Name: <u>HS For Economics/Finance</u>		3. Project #: <u>14534-0865</u>		4. Project Monitor: <u>Soumy Ramlal</u>		4c. Rotameter Number: <u>HP-115</u>	
		2a. Project Address: <u>100 Trinity Place</u>		3a. Task #: <u>001</u>		4a. Air Sampler: <u>Soumy Ramlal</u>			
5. Date: <u>5/11/02</u>		6. Abatement Location: <u>A3 Per Protocol</u>		7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture: <u>N/A</u> Lot #: _____		8. ☒ TEM (0.45 micron MCE) Cassette/Filter Manufacture: <u>Multi-Metrics</u> Lot #: <u>01205916</u>		9. Type: c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other	
						5a. ☐ Background b. ☐ Pre-Abate			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location			13. Time (24 hrs clock)			14. Flow Rate (L/min.)			15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Avg			
				Field Blank									
				Field Blank									
10		✓		Inside Room 605	8:15	12:00	225	8	8	8	1800		
11		✓		7FL Hallway opposite watercooler	8:18	12:03	225	8	8	8	1800		
12			✓	Outside Staircase B	8:19	12:04	225	8	8	8	1800		
13		✓		Entrance to Room 801	8:22	12:07	225	8	8	8	1800		
14		✓		Inside the cafeteria	8:23	12:08	225	8	8	8	1800		
15		✓		9FL Hallway near watercooler	8:26	12:11	225	8	8	8	1800		

CHAIN OF CUSTODY

18. Relinquished By: <u>I. A. Ramlal</u>		19. Received By: <u>H. G. Prof</u>		20. Date: <u>5/11</u>		21. Time: <u>18:00</u>	
II							
III							
26. ATC Project Manager:				27. Result To: _____ Beeper/Phone #'s: _____			

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name: <u>ATC - JEM</u>		23. Date: <u>5/12/02</u>		24. Time: <u>4:30</u>		25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079	
a. Analyzed By: <u>[Signature]</u>							
b. QC By:							
c. Lab Batch #:						Analysis Methodology PCM - NIOSH 7400A TEM - AHERA	
28. Comments:							

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MCI00_003460748



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 3 of 3

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☒ Other ASAP

PROJECT INFORMATION

1. Client: <u>NYC-BOE</u>		2. Project Name: <u>HS For Economics/Finance</u>		3. Project #: <u>4584-0865</u>		4. Project Monitor: <u>Sony Runkel</u>		4c. Rotameter Number: <u>HP-115</u>	
		2a. Project Address: <u>100 Trinity Place</u>		3a. Task #: <u>001</u>		4a. Air Sampler: <u>Sony Runkel</u>			
5. Date: <u>5/11/02</u>		6. Abatement Location: <u>AS Per Protocol</u>		7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture: <u>N/A</u> Lot #: _____		8. ☒ TEM (0.45 micron MCE) Cassette/Filter Manufacture: <u>Multi-Metris</u> Lot #: <u>01205916</u>		9. Type: c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other	

DAILY AIR SAMPLE RECORD

10. Sample ID Number	11. Pump Number	12. Sample Location			13. Time (24 hrs clock)			14. Flow Rate (L/min.)			15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Avg			
				Field Blank									
				Field Blank									
16			✓	outside on the Roof	8:30	12:15	225	8	8	8	1800		
17			✓	outside main Entrance to Building	11:46	15:31	225	8	8	8	1800		
18			✓	First Floor Lobby	11:47	15:32	225	8	8	8	1800		
19			✓	outside Staircase B	12:04	15:49	225	8	8	8	1800		
20			✓	outside on the roof	12:15	16:00	225	8	8	8	1800		

CHAIN OF CUSTODY

18. Relinquished By: <u>S. Runkel</u>	19. Received By: <u>N. Grief</u>	20. Date: <u>5/11</u>	21. Time: <u>18:00</u>
II			
III			

26. ATC Project Manager:

27. Result To: _____

Beeper/Phone #'s _____

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name: <u>ATC-TEM</u>	23. Date: <u>5/12/02</u>	24. Time: <u>4:30</u>	25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079
a. Analyzed By: <u>RLK</u>			
b. QC By: _____			
c. Lab Batch #: _____			Analysis Methodology PCM - NIOSH 7400A TEM - AHERA
28. Comments: _____			

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003460749