

Project: Bengamptv Franklin

HS
Date: 9-28-19

Project Number: 010 - 4507

Rotometer No.: HVR 1 LVR _____

Laboratory: IATL Analysis: TFM

Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATS - 09-28-01	Boiler room near 2D	3A	2:45 PM	5:45 PM	180	10	10	1800	6885908	
ATS - 09-28-02	Boiler Room near 2C	3A	2:45 PM	5:45 PM	180	10	10	1800	6885909	
ATS - 09-28-03	Boiler room Between 3rd Tank + wall	3A	2:45 PM	5:45 PM	180	10	10	1800	6885910	
ATS - 09-28-04	Boiler room Between 4B 5B	3A	2:45 PM	5:45 PM	180	10	10	1800	6885911	
ATS - 09-28-05	Boiler Room 3D near AHU	3A	2:45 PM	5:45 PM	180	10	10	1800	6885912	
ATS - 09-28-06	Boiler room Between 5C + 5D	3A	2:45 PM	5:45 PM	180	10	10	1800	6885913	
ATS - 09-28-07	Boiler Room Between column 5B + 5C	3A	2:45 PM	5:45 PM	180	10	10	1800	6885914	
ATS - 09-28-08	Boiler Room Between 2C + 3C	3A	2:45 PM	5:45 PM	180	10	10	1800	6885915	

Sampling Codes

- 1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

- A Aggressive
N Normal
E Excursion
I TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other

6 Hour TAT Contact: Bernie Bryson

Samples Collected By: Auth Lt al

Transmitted to Lab By: Anty, H. vel

Received in Lab By: _____

Samples Analyzed By: (A)MS 9/23/19 JJ 9/24/19

at: 5 E 21 N E

Date: 9-28-19

Date: 9-28-19

Date: SEP 29 2019

Date: _____

8:13 AM
Line SE

Project: Benjamin Franklin HS Date: 9-28-19
 Project Number: 010-4507 Rotometer No.: HVR 1 LVR _____
 Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATs-09-28-09	Boiler room	3A	2:45	5:45	180	10	10	1800	6885916	
	Pump area		PM	PM						
	Between 2B & 3B									
ATs-09-28-10	Boiler room	3A	2:45	5:45	180	10	10	1800	6885917	
	Between column		PM	PM						
	EC + 3rd tank									
ATs-09-28-11	QC Blank	3A							6885918	
	Field					10	10			
	Do not analyze									
ATs-09-28-12	QC Blank	3A							6885919	
	Field					10	10			
	Do not analyze									
ATs-09-28-13	QC Blank	3A							6885920	
	Sealed					10	10			
	Do not analyze									
ATs-09-28-14		3A				10	10			
ATs-09-28-15		3A				10	10			
ATs-09-28-16		3A				10	10			

Sampling Codes

- | | |
|----------------------------|------------------|
| 1 Diagnostic | A Aggressive |
| 2 Preliminary | N Normal |
| 3 Clearance/Final | E Excursion |
| 4 Personnel Work Area | T TWA |
| 5 Environmental Work Area | R Representative |
| 6 Personnel Clean Area | |
| 7 Environmental Clean Area | |

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other _____
 6 Hour TAT Contact: Bernie Bryson
 Samples Collected By: Antony At al
 Transmitted to Lab By: Antony At al
 Received in Lab By: _____
 Samples Analyzed By: _____

 at: _____
 Date: 9-28-19
 Date: 9-28-19
 Date: _____
 Date: _____

* No corresponding sample - 79

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: Synertech Inc.
228 Moore Street
Philadelphia, PA 19148
Client No.: SYN177

Batch No.: 600585
Project: Benjamin Franklin HS
Project No.: 010-4507
Philly Regs: Y
Turn-Around Time: Rush

Client Contacts:
Contacts: _____
Phone: _____
Fax: _____
Cell/Pager: _____
E-Mail: _____

Laboratory Contacts:
Contacts: Frank E. Ehrenfeld III
Phone: (856) 231-9449
Fax: (856) 231-9818
Cell/Pager: (609) 929-4211
E-Mail: frankehrenfeld@iatl.com

Chain of Custody:
Samples Taken in Field: _____
Samples Rec'd at Laboratory: J. Leon
Samples Analyzed: M. Stewart
Preliminary Results Faxed: _____
Preliminary Results E-Mail: _____

Date: _____ Time: _____
Date: 9/29/2019 Time: _____
Date: 9/29/2019 Time: _____
Date: _____ Time: _____
Date: _____ Time: _____

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm ²	Results s/cc
ATS-0928-01	6885908	1800	Chrysotile	115	0.025
ATS-0928-02	6885909	1800	Chrysotile Amosite	76.9	0.016
ATS-0928-03	6885910	1800	Chrysotile Tremolite	38.5	0.0082
ATS-0928-04	6885911	1800	Chrysotile	115	0.025
ATS-0928-05	6885912	1800	Chrysotile Amosite	135	0.029

AHERA Clearance Criteria is 70 s/mm² Average (s/mm²) = 96.1
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0188
Z Test Results (see attached, if applicable)

Grid Box #: _____
Instrument (I, II, III) **III**

Sample Analysis Terminated. Clearance criteria exceeded (average >70s/mm²). Set fails by AHERA 40 CFR 763.

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

TEM AHERA 001

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: Synertech Inc.
228 Moore Street
Philadelphia, PA 19148
Client No.: SYN177

Batch No.: 600585
Project: Benjamin Franklin HS
Project No.: 010-4507
Philly Regs: Y
Turn-Around Time: 6 Hour Rush

Client Contacts:
Contacts: _____
Phone: _____
Fax: _____
Cell/Pager: _____
E-Mail: _____

Laboratory Contacts:
Contacts: Frank E. Ehrenfeld III
Phone: (856) 231-9449
Fax: (856) 231-9818
Cell/Pager: (609) 929-4211
E-Mail: frankehrenfeld@iatl.com

Chain of Custody:
Samples Taken in Field: _____ Client _____
Samples Rec'd at Laboratory: _____ J. Jeon _____
Samples Analyzed: _____ J. Jeon _____
Preliminary Results Faxed: _____
Preliminary Results E-Mail: _____

Date: 9/28/2019 Time: _____
Date: 9/29/2019 Time: _____
Date: 9/29/2019 Time: _____
Date: _____ Time: _____
Date: _____ Time: _____

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm ²	Results s/cc
ATS-0928-06	6885913	1800	Chrysotile	19.2	0.0041
ATS-0928-07	6885914	1800	Chrysotile	19.2	0.0041
ATS-0928-08	6885915	1800	None Detected	< 19.2	< 0.0041
ATS-0928-09	6885916	1800	None Detected	< 19.2	< 0.0041
ATS-0928-10	6885917	1800	Chrysotile	57.7	0.012

AHERA Clearance Criteria is 70 s/mm². Average (s/mm²) = 26.9
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.00508
Z Test Reults (see attached, if applicable)

Grid Box #: 1731
Instrument (I, II, III) II

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.
TEM AHERA 001