



# BUREAU OF ENVIRONMENTAL QUALITY

## Asbestos Abatement Final Clearance Inspection

2

Permit No.: PA 22-0251 Date: 7-21-22 Field Agent: DZ JY

Site Location: 151 Porter St. Springdale PA 15144-Cheawick

Asbestos Abatement Contractor: ARC Abatement

### I CHECKLIST

		Yes	No
2105.63.k	a. Were critical barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	b. Were negative air systems in operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	c. Were work areas properly wet cleaned	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	d. Air monitoring results at specified levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	e. Adequate number of samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	f. Air Sampling results available	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### II RESIDUAL ACM ON:

2105.63.k	a. Floor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	b. Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	c. Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	d. Ventilation Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	e. Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	f. Register	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	g. Lights	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	h. Field Notes:	<input type="checkbox"/>	<input type="checkbox"/>

Record any problems encountered here:

Pipe insulation removed from 12th to 5th floor  
of level inside containment.

2105.63j Air Monitoring Firm: \_\_\_\_\_

### III FINAL AIR CLEARANCE:

		Yes	No	Comments:
2105.63j	a. Was hard copy on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	b. Were all samples <.01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Sample Procedures:</b>				
2105.63j	c. Sufficient sampling time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	d. Proper flow rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	e. Correct Cassette	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	f. Proper # Samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS  HAS NOT  been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.



5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DEIQAN GROUP Asbestos Contractor ARC ABATEMENT Project Site FMR Cheswick Power Sta. - UNIT 1 STEAM RECIRC. (DOWNCOMER) TSI Rem. NPE

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
9/20	440	FINAL CLEARANCE	0041	12	12	12	11:00A	1:05P	125	1500L	11/100	.004	
	441	FINAL CLEARANCE	1901	12	12	12	11:00A	1:05P	125	1500L	8/100	.003	
	442	FINAL CLEARANCE	0042	12	12	12	11:00A	1:05P	125	1500L	12/100	.004	
	443	FINAL CLEARANCE	1201	12	12	12	11:00A	1:05P	125	1500L	9/100	.003	
	444	FINAL CLEARANCE	1240	12	12	12	11:00A	1:05P	125	1500L	10/100	.003	
	445	FIELD BLANK	-	-	-	-	-	-	-	-	-0-	-	

Analysis Performed by: Mike Perio  
 Standard Reference Sample 219-4 100/84  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# DG-22-42

Date: 9-20-22

ACTD# PAA 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



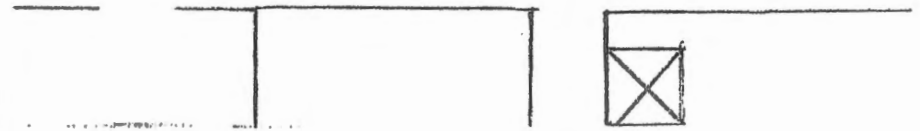
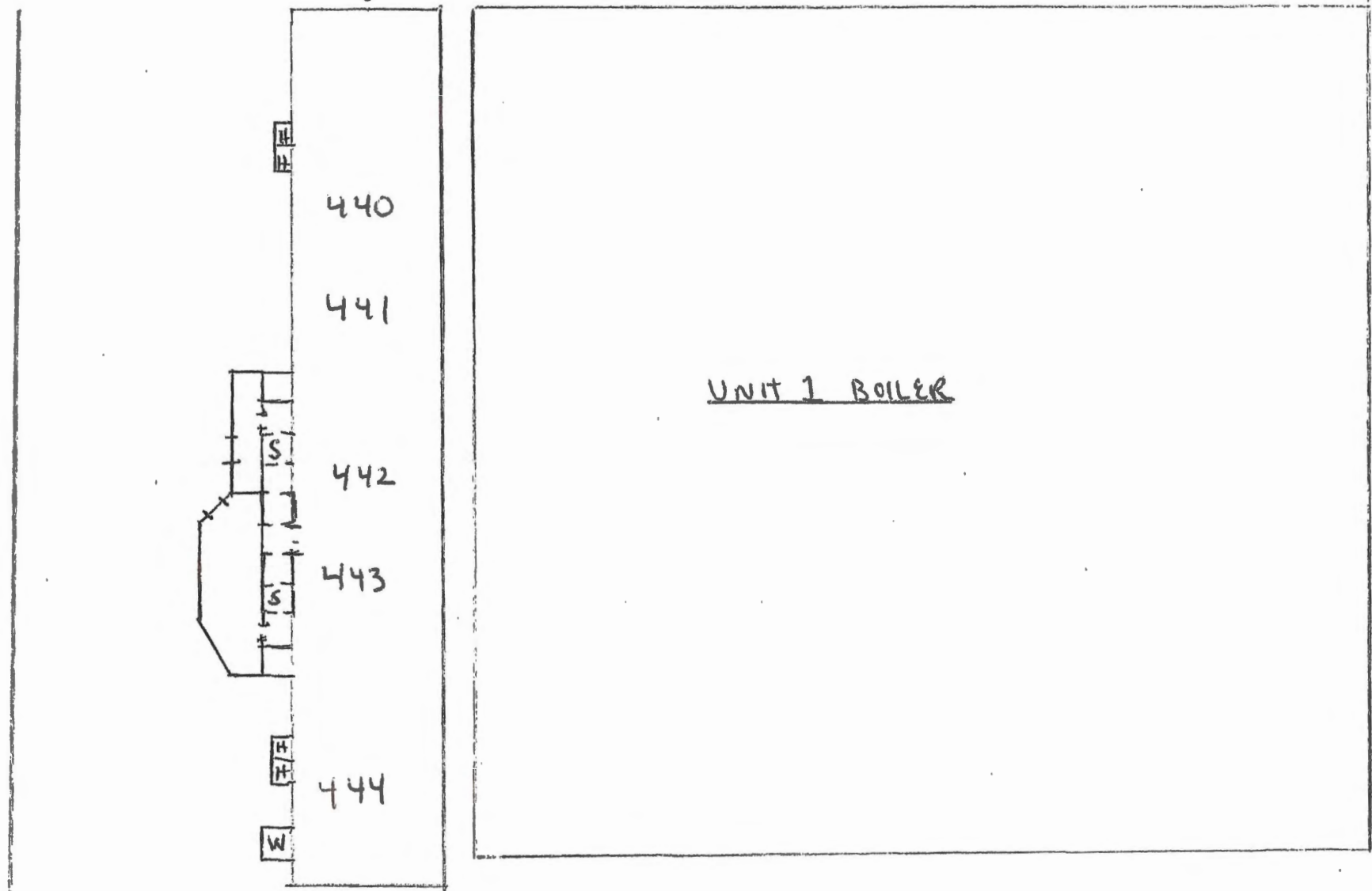
FMR Cheswick Gen Stn.  
STEAM DOWNCOMER LINES TSI ABATEMENT  
ARC ABATEMENT INC.  
9 / 20 / 2022

UNIT 1 LEVEL 8

MIDATLANTIC Environ. Consultants  
TECH: MIKE PIRRO  
JOB NO. 00-22-42  
ACHD# PAA 224251



7 LEVEL NPE  
↓













61864 ~ 19 ~ 12"  
DP2#5









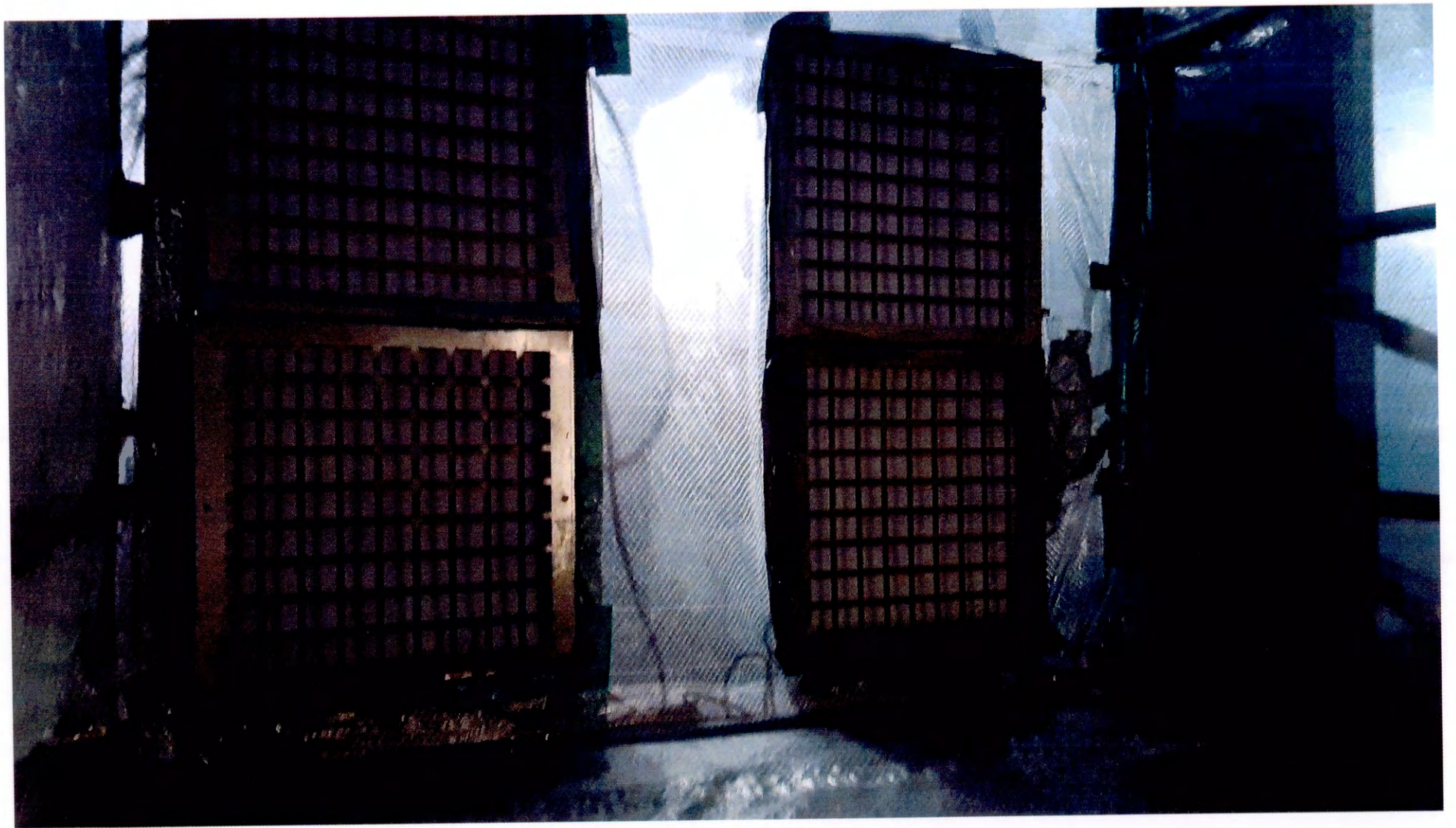




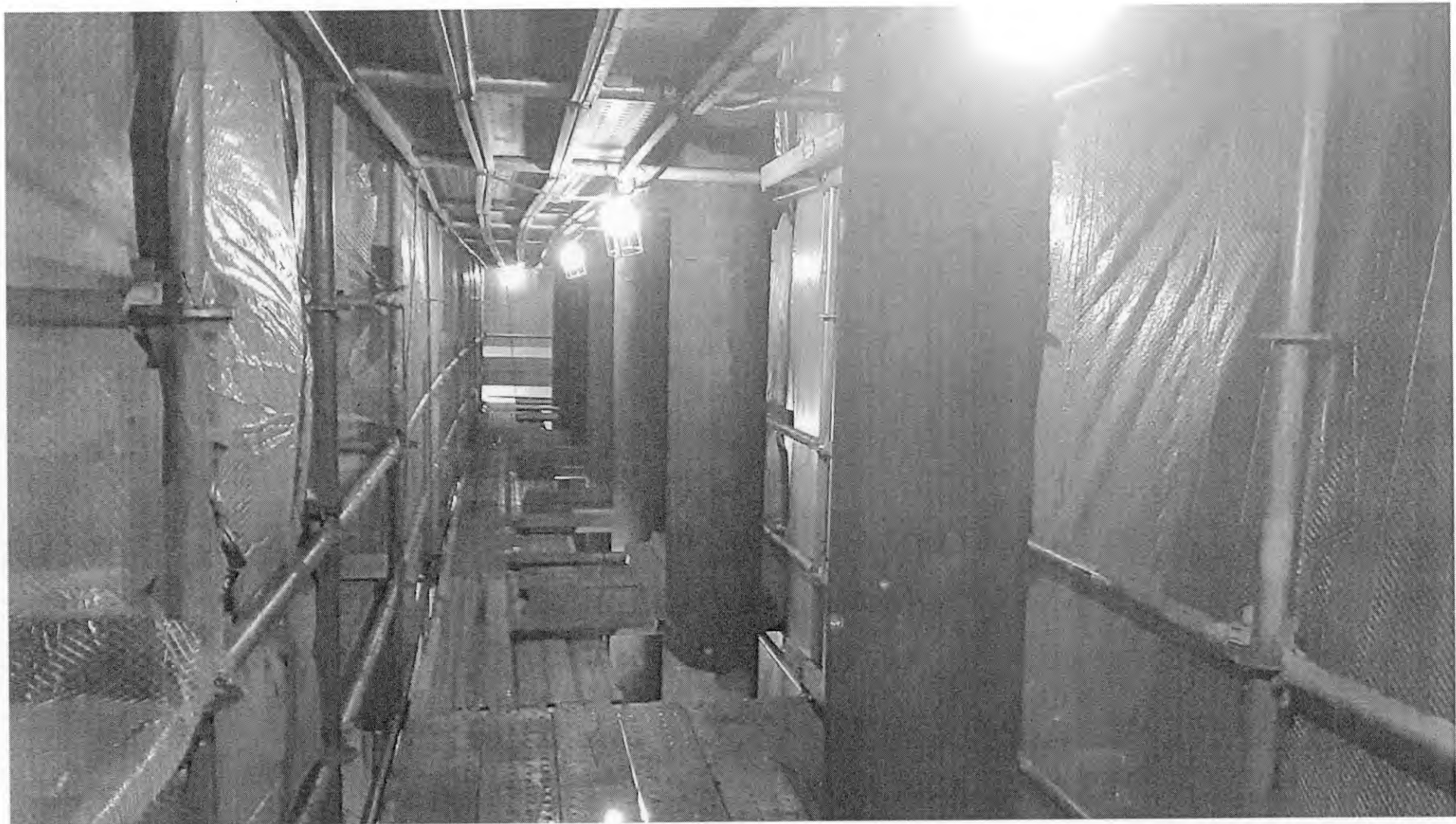




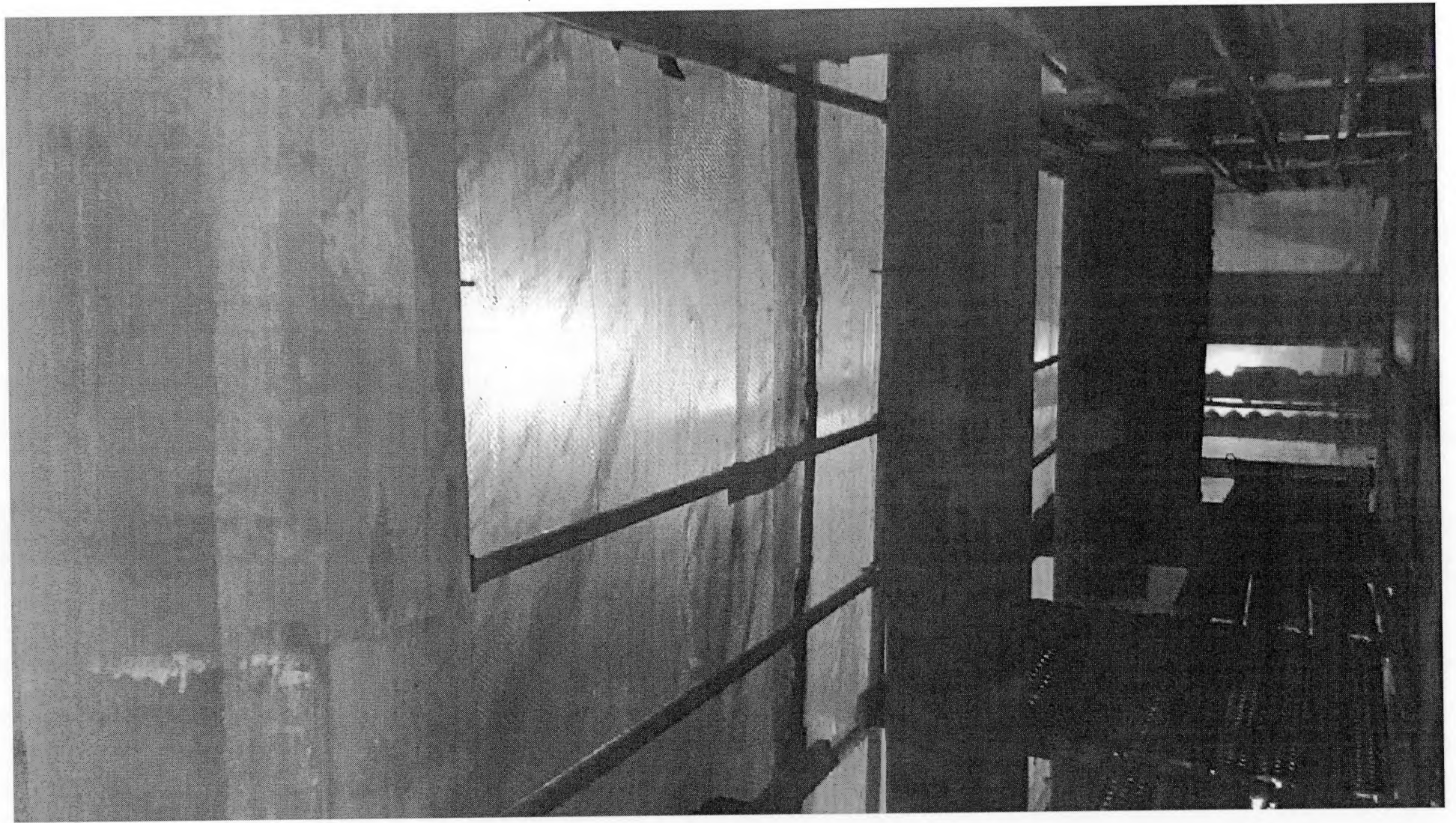








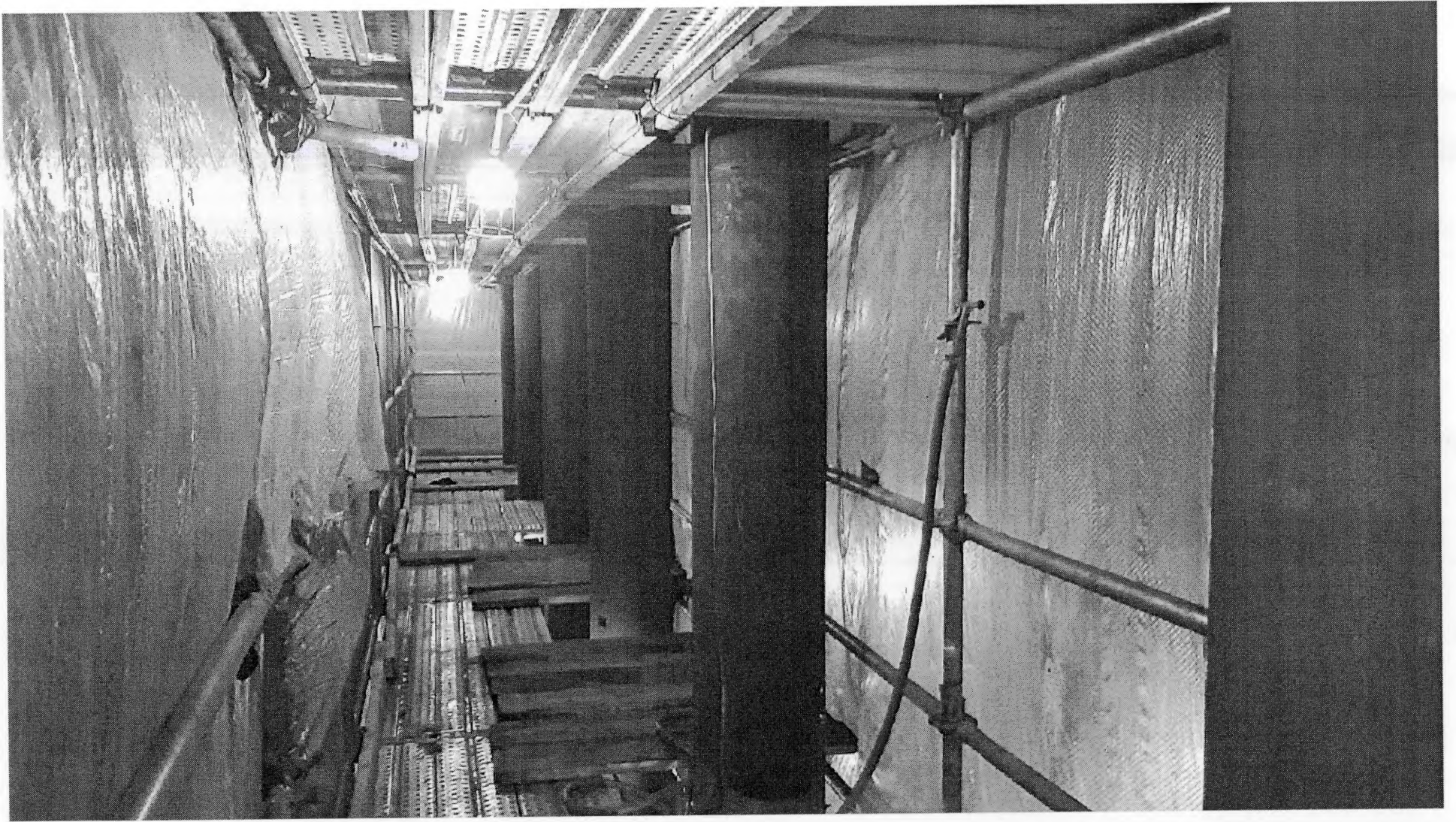




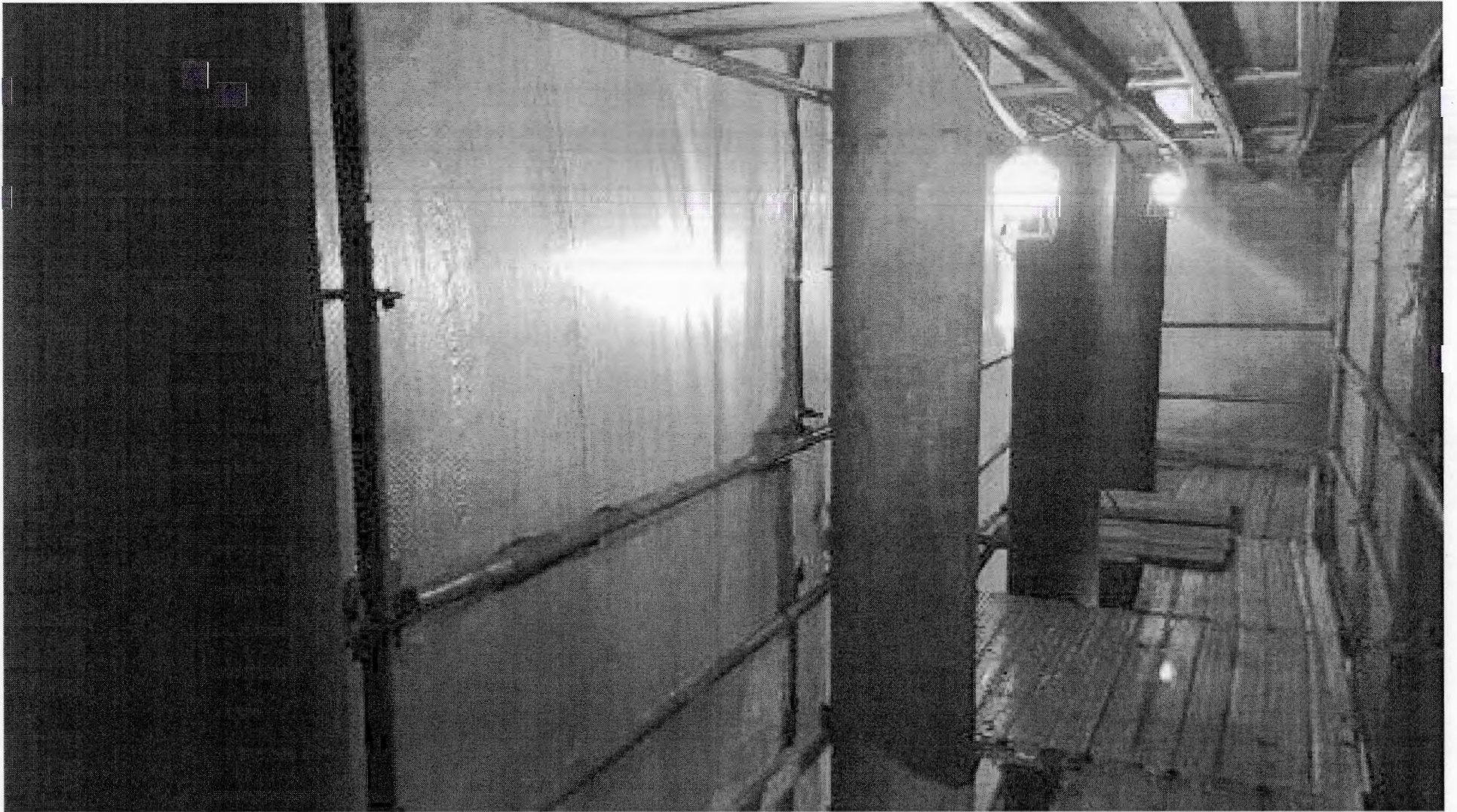




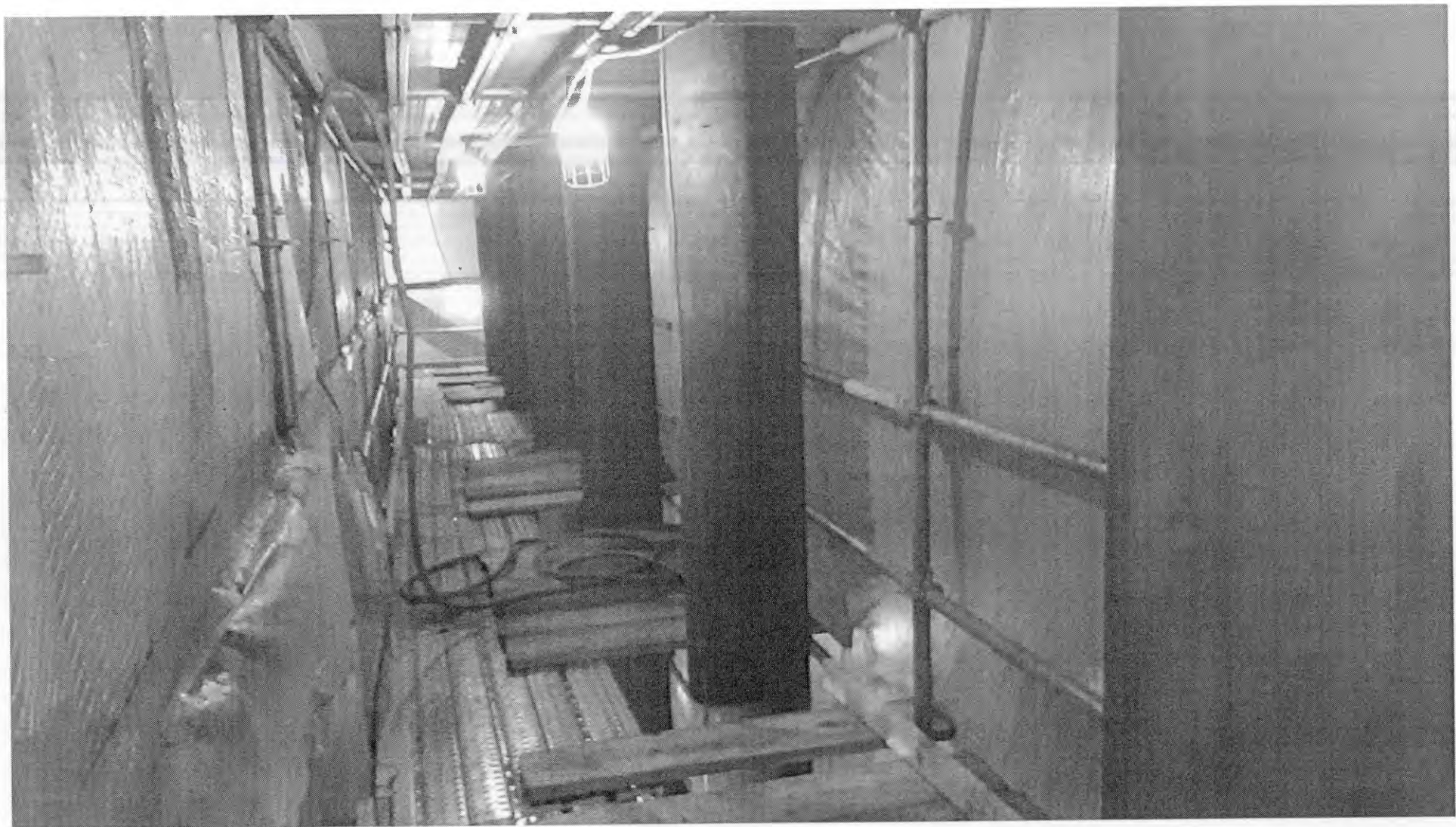








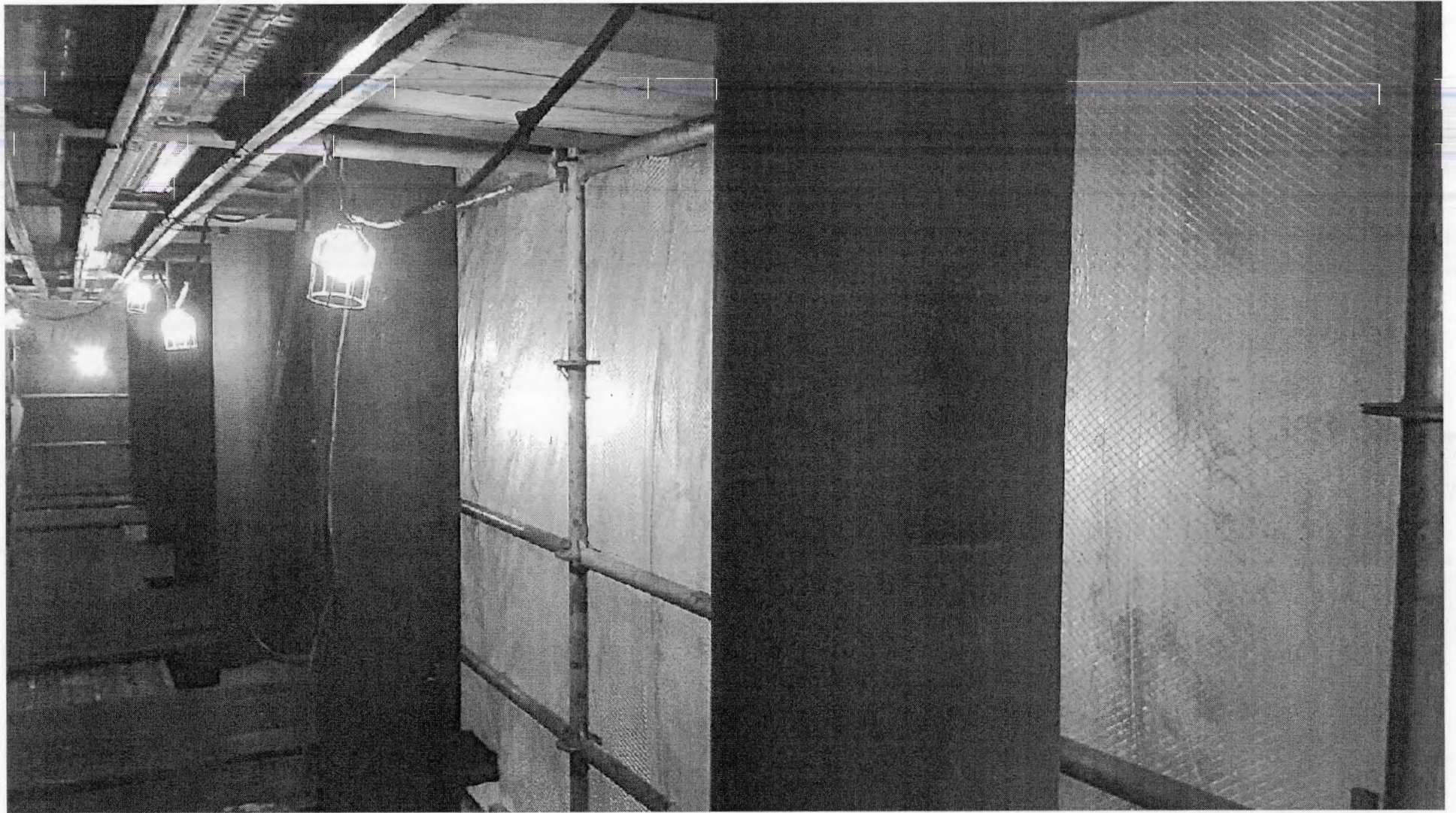




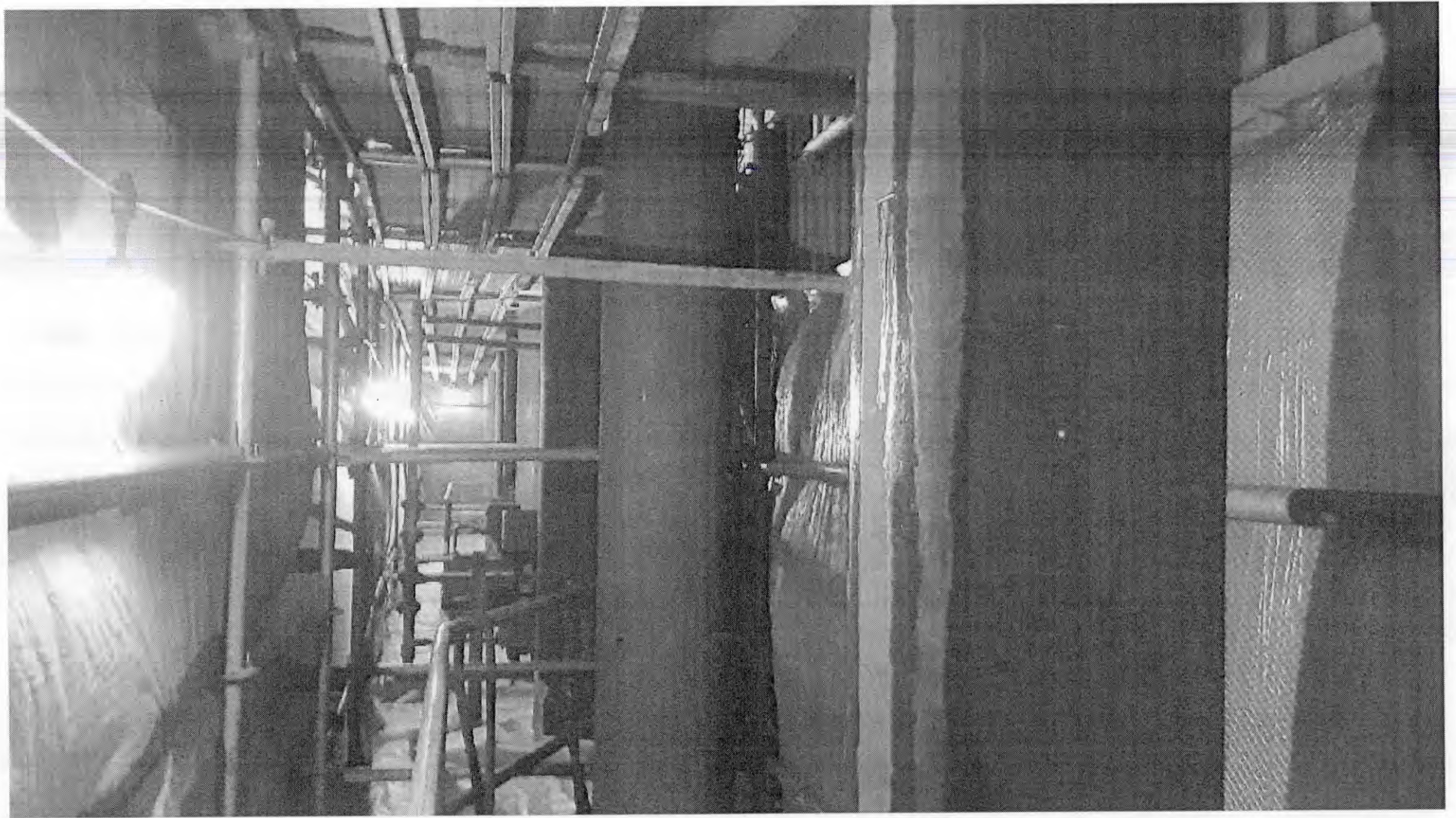




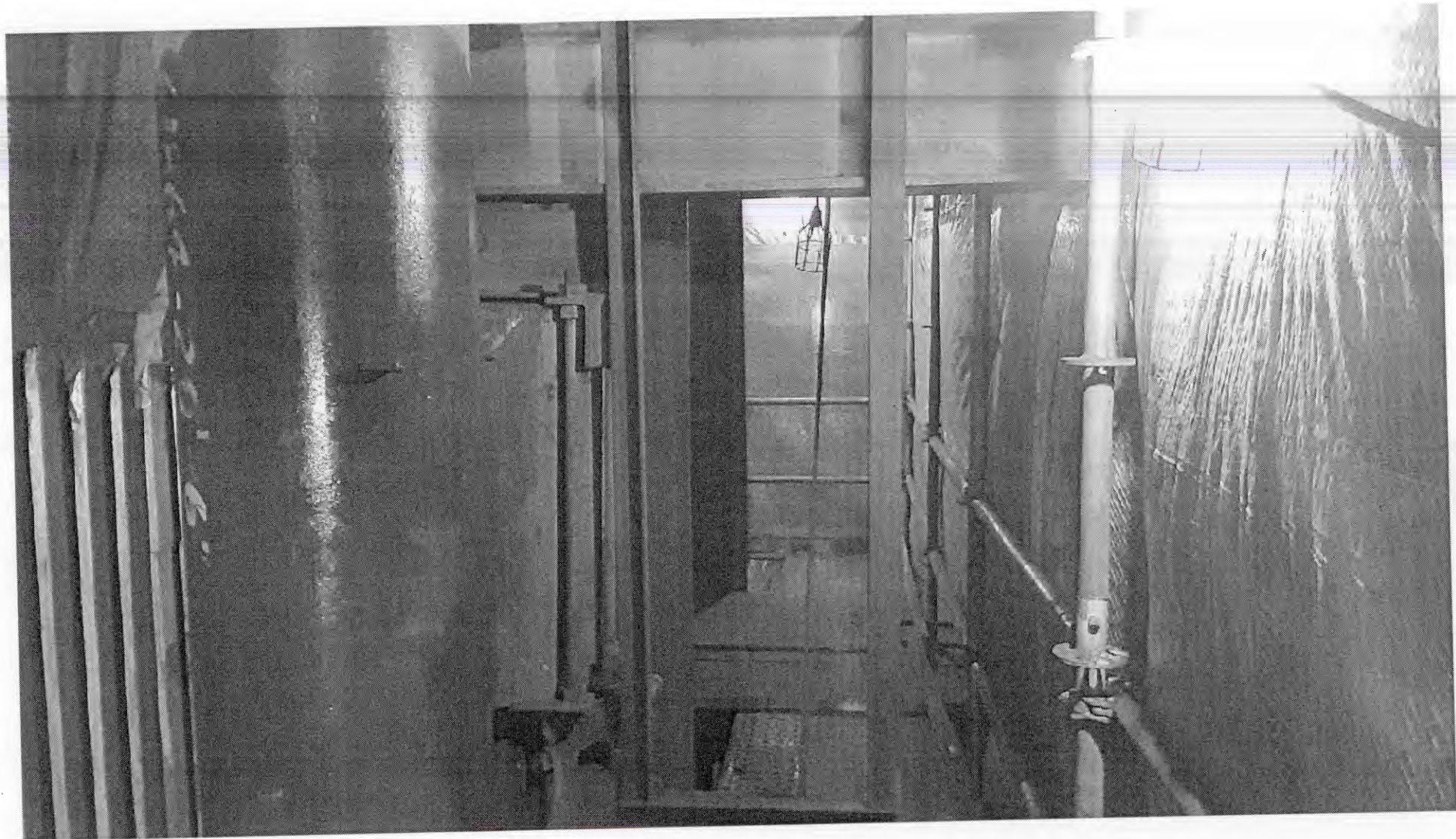




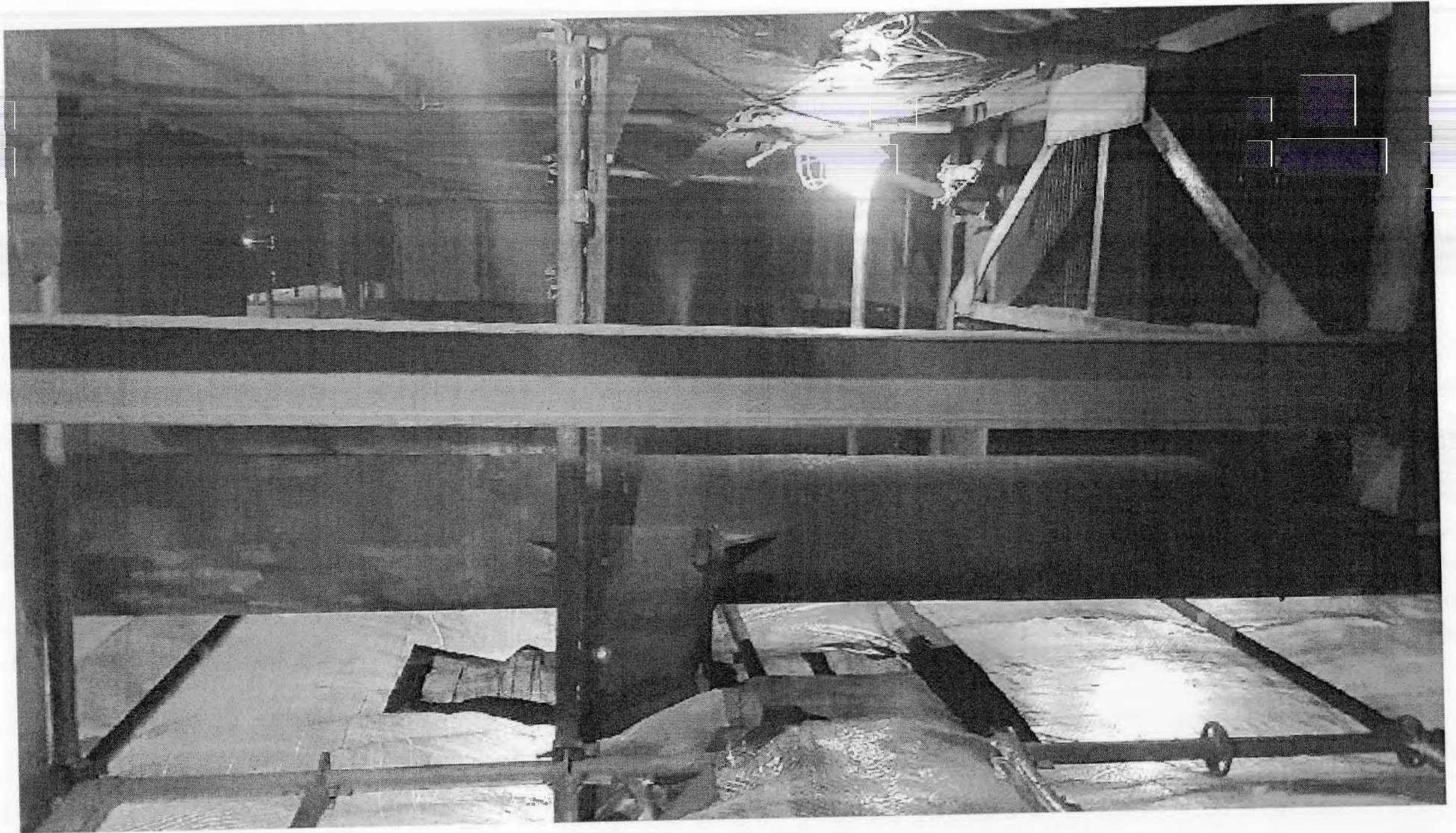




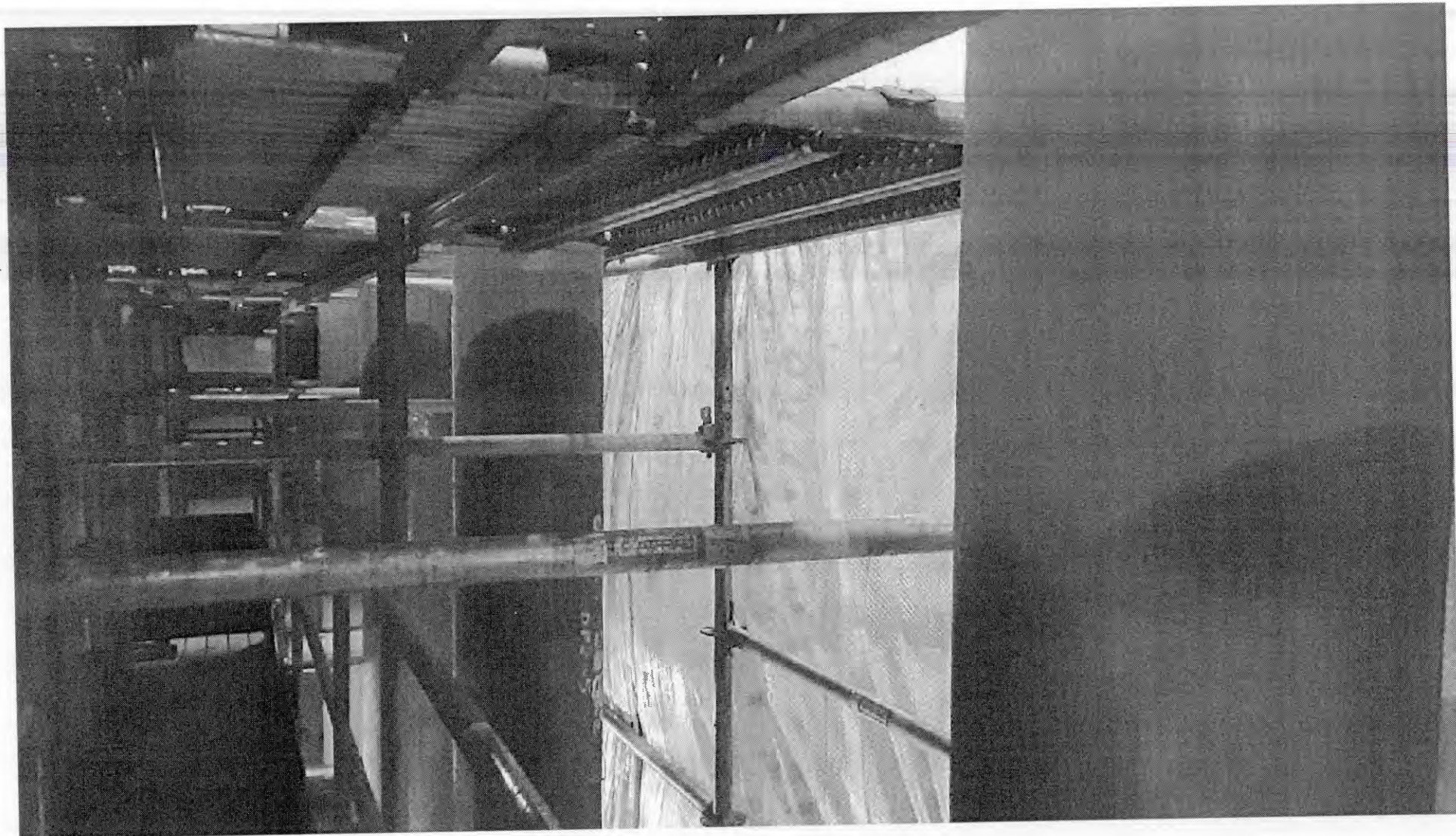








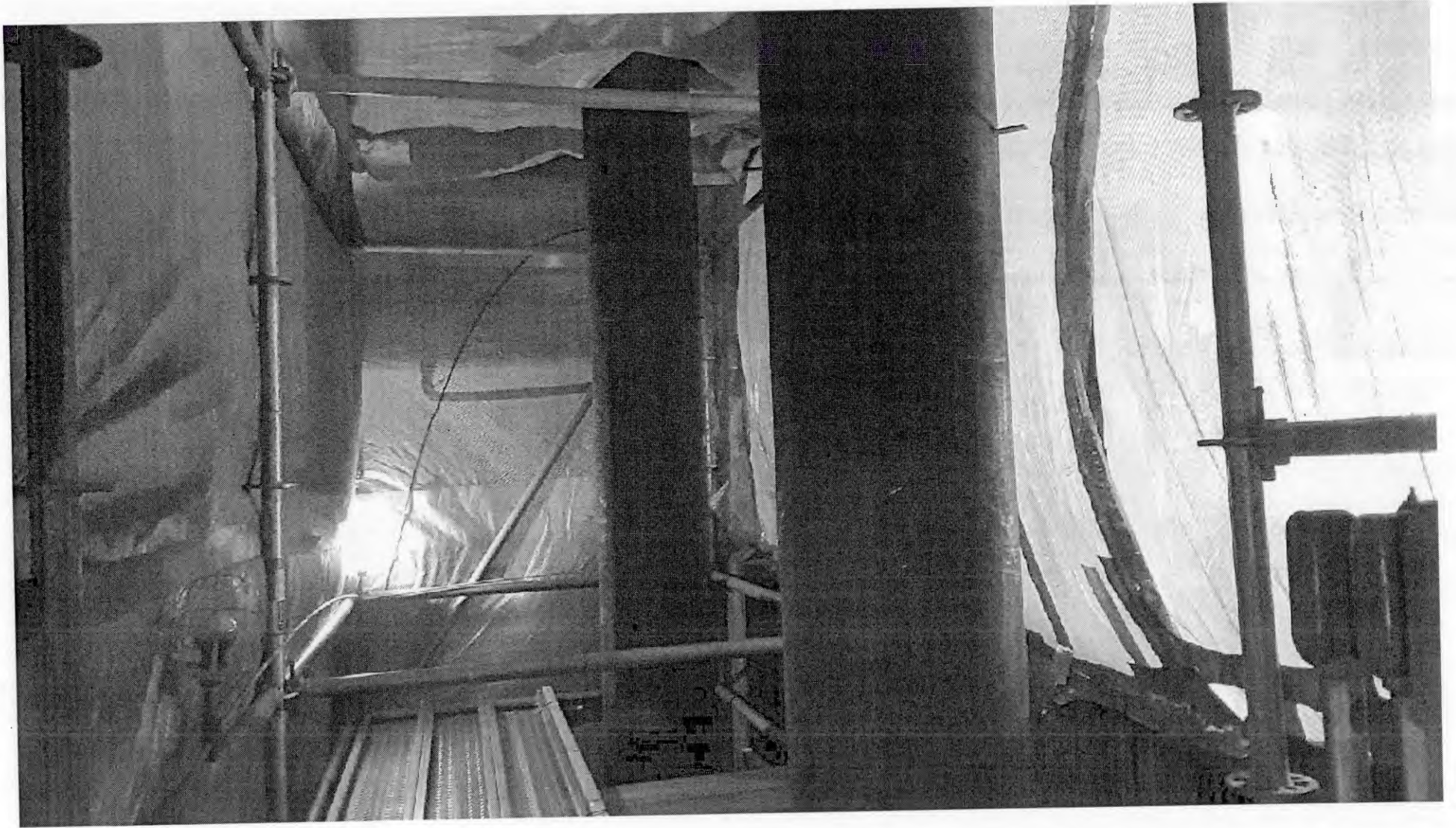






















**Allegheny County Health Department**  
**Asbestos Abatement Permit**



Air Quality Program  
301 39<sup>th</sup> St., Bldg. #7  
Pittsburgh, PA 15201-1891  
412-578-8120  
[ACHDasbestos@alleghenycounty.us](mailto:ACHDasbestos@alleghenycounty.us)  
Attn.: Asbestos

**Memo-Amendment**

Permit Reference No. PAA - 224251

**I. Print:**

1. Name of Asbestos License Contractor: ARC Abatement Inc.
2. Contact Name: Warren Brown
3. Contact Phone Number: 504-313-2032

**II. Project Site Information:**

Location of Work Change Amendments:

Building(s) & Building Number: Admin/ Unit #1

Room(s): \_\_\_\_\_

Area within Room(s): \_\_\_\_\_

**III. Describe in detail change in permit conditions. Provide amounts, location of additional ACM, Blueprints, change in specific work practices/procedures/equipment to be used:**

The new completion date will be 3/30/2023.

Piping- Unit #1/Admin , amount of ACM 10,531sqft.

Stream Drum- Unit #1/ 12th Floor, amount of ACM 170sqft.

VAT Mastic- Admin/ Unit #1, amount of ACM 8,150sqft.

Stucco Plaster- East Admin Bldg, amount of ACM 550sqft.

Insulation - 12th Floor Unit #1, amount of ACM 800sqft.

Condenser Coating- Basement, amount of ACM 4,500sqft.

Galbestos- Admin Unit #1 , amount of ACM 23,000sqft.

Samuel Miller

Owner Signature

Warren Brown

Contractor Signature

10/5/2022

Date

**APC USE ONLY**

Date Received: October 5, 2022

Date Issued/Approved: 10/6/2022

Issued by: [Signature]

Date sent to Contractor/Owner: 10/6/22



Pipe insulation bulk removal-asbestos signage, full containment with negative pressure, attached 5 stage and 3 stage waste decon, wet methods, HEPA vacs, prompt clean up, double badge waste with labels, proper disposal and 3rd party air clearance testing, all interior pipe test needs access will be done using ARC scaffolding, pipe insulation using glove bags-asbestos signage, critical negative pressure enclosure, attached 3 stage decon, wet methods, HEPA vacs, prompt clean up, double bagged waste with labels, proper disposal and 3rd party air clearance testing, scissor lift and man-lift is for exterior only, pipe insulation accessed from a scissor lift of man-lift secondary containment inside basket of scissor or man-lift, HEPA vac used for negative pressure, wet methods, prompt clean up, double bagged waste with labels, proper disposal, 2 suit method and remote 3 stage decon. 3rd party environmental personal air samples used for air clearance.

Galbestos- regulated area, proper signage, 2 suit method, remote 3 stage decon, wet methods, drop cloths, HEPA vacs, remove bolts with hand/power tools, galbestos to be carefully handled and or lowered to the ground, double wrapped in 2 layers 6 mil poly, properly labeled, prompt clean up, proper disposal, 3rd party environmental, personal air samples used for air clearances.

VAT Mastic- asbestos signage, critical barrier negative pressure enclosure, attached 3 stages decon, wet methods, manual removal methods, HEPA vacs, prompt clean up, double bagged waste with labels, proper disposal and 3rd party air clearance testing.

Plaster/Stucco- asbestos signage, full containment with negative pressure, attached 5 stages decon and 3 stage waste decon, wet methods, HEPA vacs, hand/power tools, prompt clean up, double bagged waste with labels, proper disposal and 3rd party air clearance testing.

Condensor Coating- asbestos signage, full containment with negative pressure, attached 5 stages decon and 3 stage waste decon, wet methods, HEPA vacs, hand/power tools, prompt clean up, double bagged waste with labels, proper disposal and 3rd party air clearance testing.

Steam Drums- asbestos signage, full containment with negative pressure, attached 5 stages decon and 3 stage waste decon, wet methods, HEPA vacs, hand tools, prompt clean up, double bagged waste with labels, proper disposal and 3rd party air clearance testing.

Penthouse floor insulation- asbestos signage, full containment with negative pressure, attached 5 stage and 3 stage waste decon, wet methods, HEPA vacs, hand tools, prompt cleanup, double bagged waste with labels, proper disposal and 3rd party air clearance testing.





# BUREAU OF ENVIRONMENTAL QUALITY

## Asbestos Abatement Final Clearance Inspection

Permit No.: PAA22-4251 - Unit 4 Date: 11/07/2022 Field Agent: DZ/JY  
 Site Location: Cheswick Generation Station 151 Porter St, Springdale PA 15144  
 Asbestos Abatement Contractor: ARC Abatement

### I CHECKLIST

		Yes	No
2105.63.k	a. Were critical barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	b. Were negative air systems in operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	c. Were work areas properly wet cleaned	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	d. Air monitoring results at specified levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	e. Adequate number of samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	f. Air Sampling results available	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### II RESIDUAL ACM ON:

2105.63.k	a. Floor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	b. Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	c. Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	d. Ventilation Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	e. Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	f. Register	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	g. Lights	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	h. Field Notes:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Record any problems encountered here:

Units 1/ Containment 6 floor 10 - A/C resolution removed (TSI) removed  
minor ACM ARC Abatement. notified & removed  
Containment 2: TSI removed.  
Containment #7. TSI removed. Pipe left in place.  
Containment #11: TSI removed. Pipe left in place.  
Containment 9: TSI removed.

2105.63j Air Monitoring Firm: Mid Atlantic.

### III FINAL AIR CLEARANCE:

		Yes	No	Comments:
2105.63j	a. Was hard copy on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	b. Were all samples <.01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Sample Procedures:</b>				
2105.63j	c. Sufficient sampling time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	d. Proper flow rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	e. Correct Cassette	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	f. Proper # Samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS /HAS NOT been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.





# BUREAU OF ENVIRONMENTAL QUALITY

## Asbestos Abatement Final Clearance Inspection

Permit No.: PAA 22-4251 Date: 11/07/2022 Field Agent: DZ/JY  
 Site Location: Cheswick Generation Station 151 Porter St Springdale PA 15144  
 Asbestos Abatement Contractor: ARC Abatement

### I CHECKLIST

		Yes	No
2105.63.k	a. Were critical barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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2105.63.k	c. Were work areas properly wet cleaned	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	d. Air monitoring results at specified levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	e. Adequate number of samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	f. Air Sampling results available	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### II RESIDUAL ACM ON:

2105.63.k	a. Floor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	b. Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	c. Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	d. Ventilation Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	e. Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	f. Register	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	g. Lights	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	h. Field Notes:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Record any problems encountered here:

Coal Crusher House, 9x9 floor tile removed.

2105.63j

Air Monitoring Firm: M.O. Atlantic

### III FINAL AIR CLEARANCE:

		Yes	No	Comments:
2105.63j	a. Was hard copy on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	b. Were all samples <.01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Sample Procedures:</b>				
2105.63j	c. Sufficient sampling time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	d. Proper flow rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	e. Correct Cassette	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	f. Proper # Samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS  HAS NOT  been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.





5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DELQAN Group Asbestos Contractor ARC ABATEMENT Project Site FMA. Cheswick PWA STA. 11th Floor

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
10/27	568	Final Clearance UNIT 1 NPE DE 6	0091	12	12	12	10:25A	12:30P	125	1500L	10/100	.003	
	569	Final Clearance	1901	12	12	12	10:25A	12:30P	125	1500L	8/100	.003	
	570	Final Clearance	0042	12	12	12	10:25A	12:30P	125	1500L	12/100	.004	
	571	Final Clearance	1240	12	12	12	10:25A	12:30P	125	1500L	9/100	.003	
	572	Final Clearance ✓	6626	12	12	12	10:25A	12:30P	125	1500L	10/100	.003	
	573	Field Blank	-	-	-	-	-	-	-	-	-0-	-	-

Analysis Performed by: Mike Piro  
 Standard Reference Sample 231-4 100180  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# 06-22-48

Date: 10-27-22

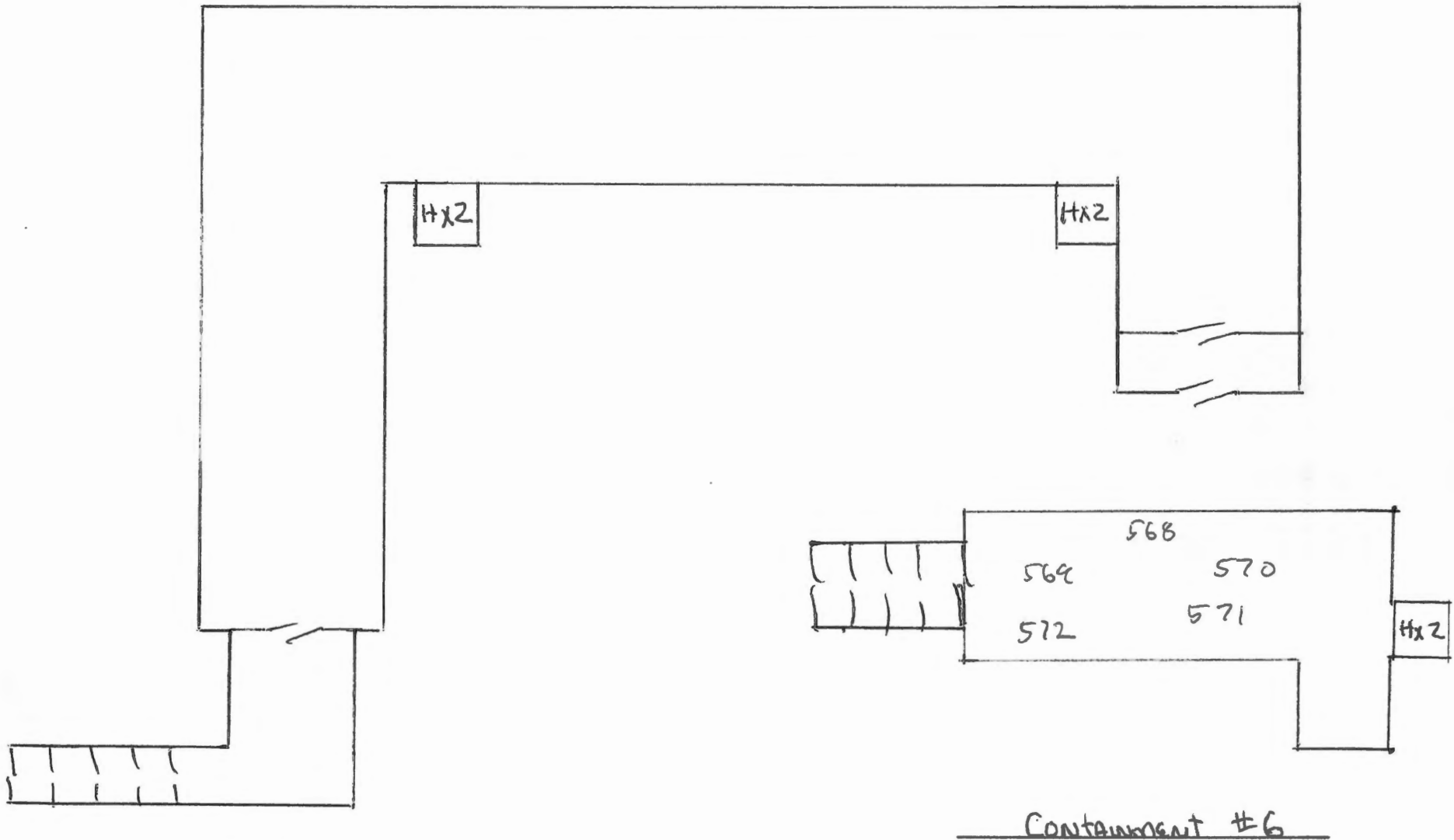
ACHD# PAA 224251  
 All samples are analyzed in accordance with N.I.O.S.H 7400 Method (A Rules) EPA Clean Air Limit 0.01f/cc



THE Cheswick Pwrs Sta  
Unit 1 Piping Abatement  
Containment # 6 + 7  
ARC ABATEMENT  
10 / 27 / 22

~~CONTAINMENT # 7~~

MID ATLANTIC Environmental Consultants  
TECH: MIKE PIRRO  
JOB NO. DG-22-48  
ACHO # PAA 224251







5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site Fine Cheswick PWR STN.  
UNIT 1 TSI REMOVAL

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
11/02	595	FINAL CLEARANCE NPE # 7	1201	12	12	12	7:00A	9:05A	125	1500L	7/100	.002	
	596	FINAL CLEARANCE	0041	12	12	12	7:00A	9:05A	125	1500L	9/100	.003	
	597	FINAL CLEARANCE	1240	12	12	12	7:00A	9:05A	125	1500L	6/100	.002	
	598	FINAL CLEARANCE	1401	12	12	12	7:00A	9:05A	125	1500L	8/100	.003	
	599	FINAL CLEARANCE ✓	0042	12	12	12	7:00A	9:05A	125	1500L	9/100	.003	
	600	Field Blank	-	-	-	-	-	-	-	-	-	-	-
	601	FINAL CLEARANCE NPE # 11	1417	12	12	12	9:15A	11:20A	125	1500L	8/100	.003	
	602	FINAL CLEARANCE	8302	12	12	12	9:15A	11:20A	125	1500L	10/100	.003	
	603	FINAL CLEARANCE	1418	12	12	12	9:15A	11:20A	125	1500L	7/100	.002	
	604	FINAL CLEARANCE	7203	12	12	12	9:15A	11:20A	125	1500L	7/100	.002	
	605	FINAL CLEARANCE ✓	9012	12	12	12	9:15A	11:20A	125	1500L	8/100	.003	

Analysis Performed by: Maria Paris  
 Standard Reference Sample 230-4 44/100  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# DG-22-54

Date: 11-02-22

ACHD # FAA-224251

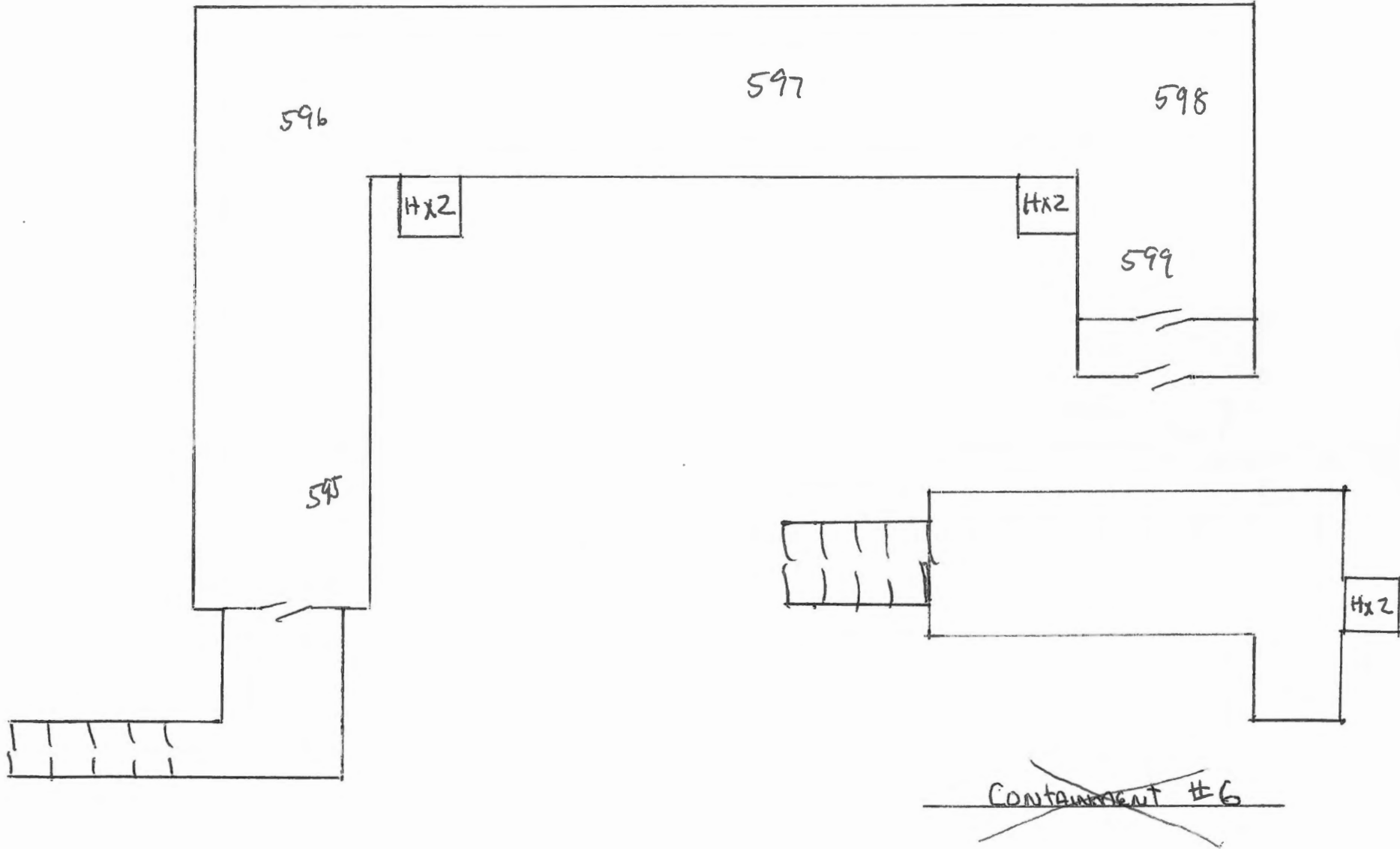
All samples are analyzed in accordance with N.I.O.S.H 7400 Method (A Rules) EPA Clean Air Limit 0.01f/cc



Fmr Cheswick Pwr Stn  
Unit 1 Piping Abatement  
Containment # 6 + 7  
ARC ABATEMENT  
11/02/22

CONTAINMENT # 7

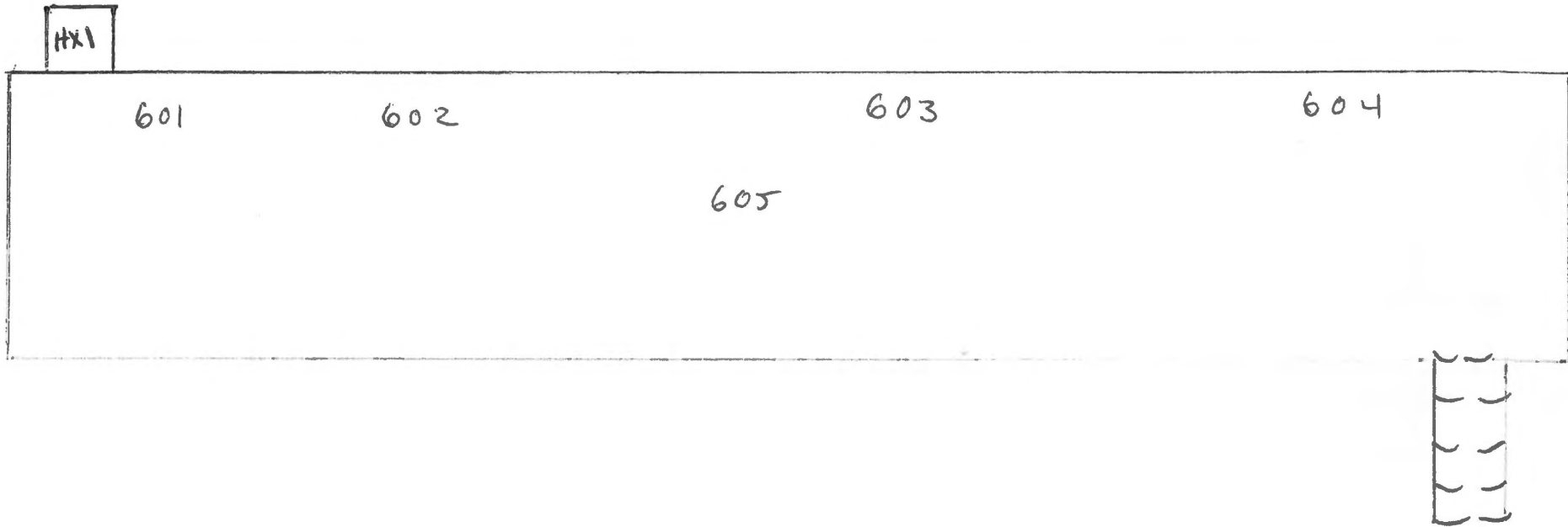
MID ATLANTIC ENVIRONMENTAL CONSULTANTS  
TECH: MIKE PIRRO  
JOB NO DG-22-54  
ACTD # PAA 224251





FMR Cheswick Power Station  
Unit I NPE # 11  
ARC ABATEMENT  
11-02-2022

MID ATLANTA ENVIRON. CONSULTANTS INC.  
TECH - MIKE PIRRO  
JN DG -22-54  
ACHD # PAA 224251







5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site FMR Cheswick Penn STU

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
11/03	617	FINAL CLEARANCE NPE #9	0042	12	12	12	7:25A	9:30A	125	1500	8/100	.003	
11/03	618	FINAL CLEARANCE	1201	12	12	12	7:25A	9:30A	125	1500	6/100	.002	
11/03	619	FINAL CLEARANCE	1901	12	12	12	7:25A	9:30A	125	1500	5/100	.002	
11/03	620	FINAL CLEARANCE	1240	12	12	12	7:26A	9:31A	125	1500	7/100	.002	
11/03	621	FINAL CLEARANCE ✓	0041	12	12	12	7:26A	9:31A	125	1500	6/100	.002	
11/03	622	FIELD BLANK	-	-	-	-	-	-	-	-	-	-	-
11/03	629	FINAL CLEARANCE NPE #12	0042	12	12	12	9:40A	11:45A	125	1500	10/100	.003	
11/03	630	FINAL CLEARANCE	1201	12	12	12	9:41A	11:46A	125	1500	7.5/100	.002	
11/03	631	FINAL CLEARANCE	1901	12	12	12	9:41A	11:46A	125	1500	7/100	.002	
11/03	632	FINAL CLEARANCE	1240	12	12	12	9:42A	11:47A	125	1500	8/100	.003	
11/03	633	FINAL CLEARANCE ✓	0041	12	12	12	9:42A	11:47A	125	1500	8/100	.003	

Analysis Performed by: Mike Pura  
 Standard Reference Sample 231-4 100/80  
 Reticle 0.00785  
 Type of Microscope Olympus CI-2 PCM  
 JN# 06-22-54

Date: 11-3-22

ACHD # PAA 22 42 51

All samples are analyzed in accordance with N.I.O.S.H 7400 Method (A Rules) EPA Clean Air Limit 0.01f/cc



UNIT UNDER POWER DIV.  
UNIT 1 # 9 ENCLAVE  
ARC ASSESSMENT  
11 / 3 / 2022

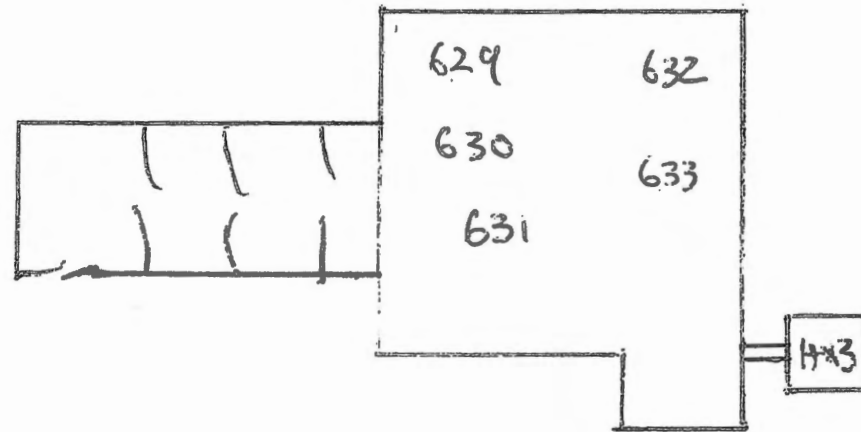
MID ATLANTIC ENVIRON. CONSULTANTS  
TECH: MIKE ARRO  
JOB NO. DB-22-54  
PCHO# PAA 224271





Unit 1 NPE #12  
ARC ABATEMENT  
11/03/2022

TRICO ATLANTIC ENVIRONMENTAL CONSULTANT  
TECH: MIKE PIREO  
JOB # 06-22-54  
ACTO # PAA 224251







5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DELGANO GROUP Asbestos Contractor ARC ABATEMENT Project Site FMR Cheswick Power Station  
COAL CRUSHER HOUSE OFFICE UNIT + MASTIC 12E

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
10/26	554	Final Clearance	0042	12	12	12	12:15P	2:20P	125	1500L	5/100	.002	
	555	Final Clearance	1201	12	12	12	12:15P	2:20P	125	1500L	7/100	.002	
	556	Final Clearance	0041	12	12	12	12:15P	2:20P	125	1500L	4/100	.001	
	557	Final Clearance	6626	12	12	12	12:15P	2:20P	125	1500L	2/100	.001	
	558	Final Clearance	1240	12	12	12	12:15P	2:20P	125	1500L	5/100	.002	
	559	Field Blank	-	-	-	-	-	-	-	-	0	-	

Analysis Performed by: Mike Piro  
 Standard Reference Sample 231-2 101/38  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# DG-22-48

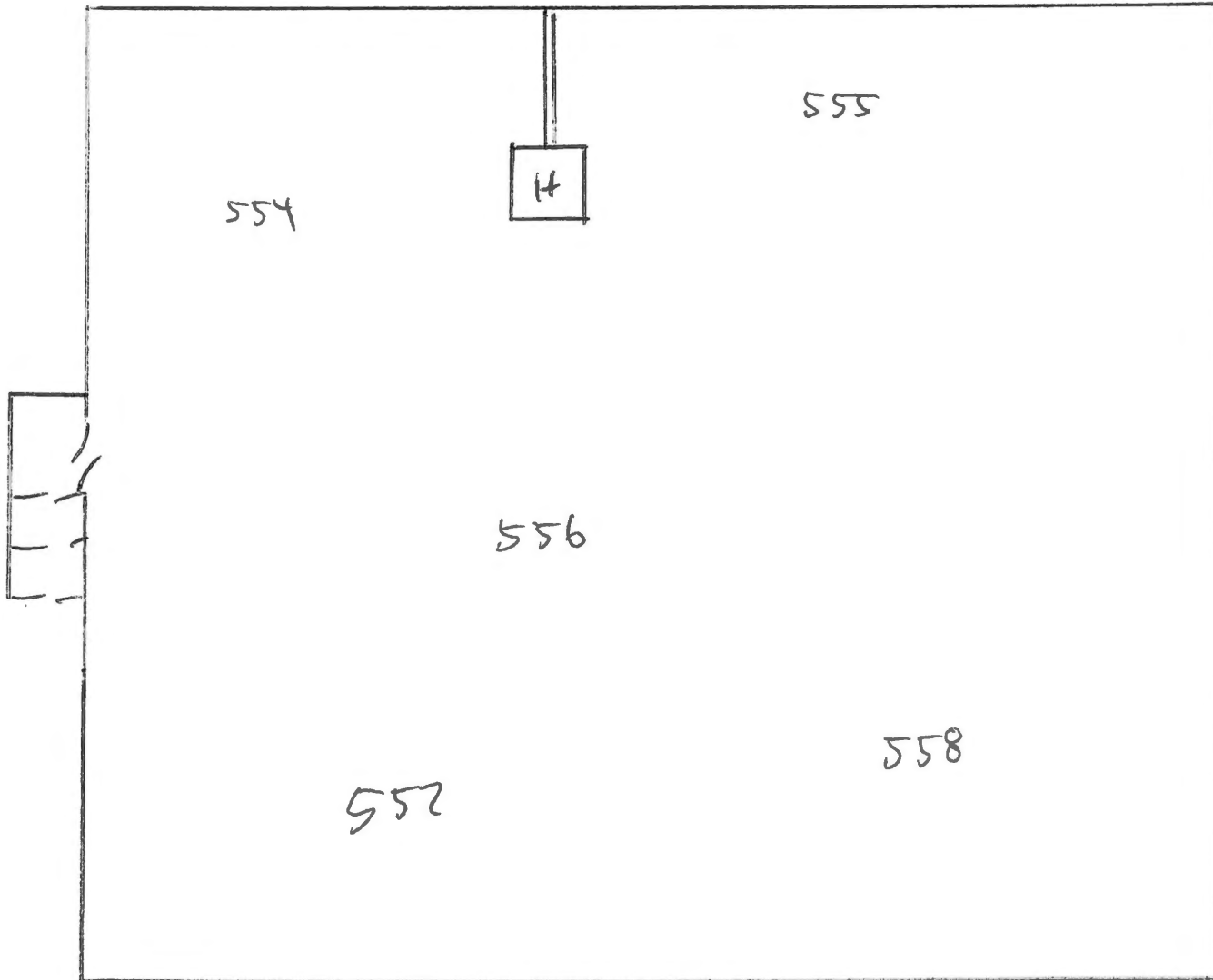
Date: 10-26-22

ACHD # PAA 224250  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



FMR Cheswick Pwr Stn  
Coal Crusher Office  
VAT + MASTIC REMOVAL  
ARC ABATEMENT.  
10 / 26 / 22

MID ATLANTIC ENVIRON. CONSULTANTS  
TECH: MIKE PIRRO  
JOB NO. DB-22-48  
ACIO # PAA 224250







# BUREAU OF ENVIRONMENTAL QUALITY

## Asbestos Abatement Final Clearance Inspection

Permit No.: PAA22-4251 Date: 12/21/2022 Field Agent: DZ  
 Site Location: 151 Porter St Pittsburgh PA 15144 Cheswick Generation Station  
 Asbestos Abatement Contractor: ARC Abatement

### I CHECKLIST

		Yes	No
2105.63.k	a. Were critical barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	b. Were negative air systems in operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	c. Were work areas properly wet cleaned	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	d. Air monitoring results at specified levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	e. Adequate number of samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	f. Air Sampling results available	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### II RESIDUAL ACM ON:

2105.63.k	a. Floor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	b. Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	c. Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	d. Ventilation Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	e. Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	f. Register	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	g. Lights	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	h. Field Notes:	<hr/>	

Record any problems encountered here:

Administrative office (old) on east side of the building floor tile and mastic removed via chemical. Some plaster removed in some offices and stairwell. Floor tile mastic removed in upstairs containment, North Condenser Containment asphalt coating on components removed. South Condenser Containment asphalt coating on components.

2105.63j Air Monitoring Firm: Mid Atlantic

### III FINAL AIR CLEARANCE:

		Yes	No	Comments:
2105.63j	a. Was hard copy on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	b. Were all samples <.01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Sample Procedures:</b>				
2105.63j	c. Sufficient sampling time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	d. Proper flow rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	e. Correct Cassette	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	f. Proper # Samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS /HAS NOT been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.





5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
 midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site EMR Cheswick PWR STN  
UNIT 2 / old Admin OFFICES VAT / mastic / come PLAS

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
12/20	940	Final Clearance	0042	12	12	12	6:30A	8:35A	125	1500L	7/100	.002	
	941	Final Clearance	1901	12	12	12	6:30A	8:35A	125	1500L	5/100	.002	
	942	Final Clearance	1201	12	12	12	6:30A	8:35A	125	1500L	6/100	.002	
	943	Final Clearance	1240	12	12	12	6:31A	8:36A	125	1500L	4/100	.001	
	944	Final Clearance	0041	12	12	12	6:31A	8:36A	125	1500L	5/100	.002	
	945	Field Blank	-	-	-	-	-	-	-	-	-	-0-	-

Analysis Performed by: Mike Piro  
 Standard Reference Sample 231-4 100/80  
 Reticle 0.00785  
 Type of Microscope Olympus CI-2 PCM  
 JN# 06-22-58

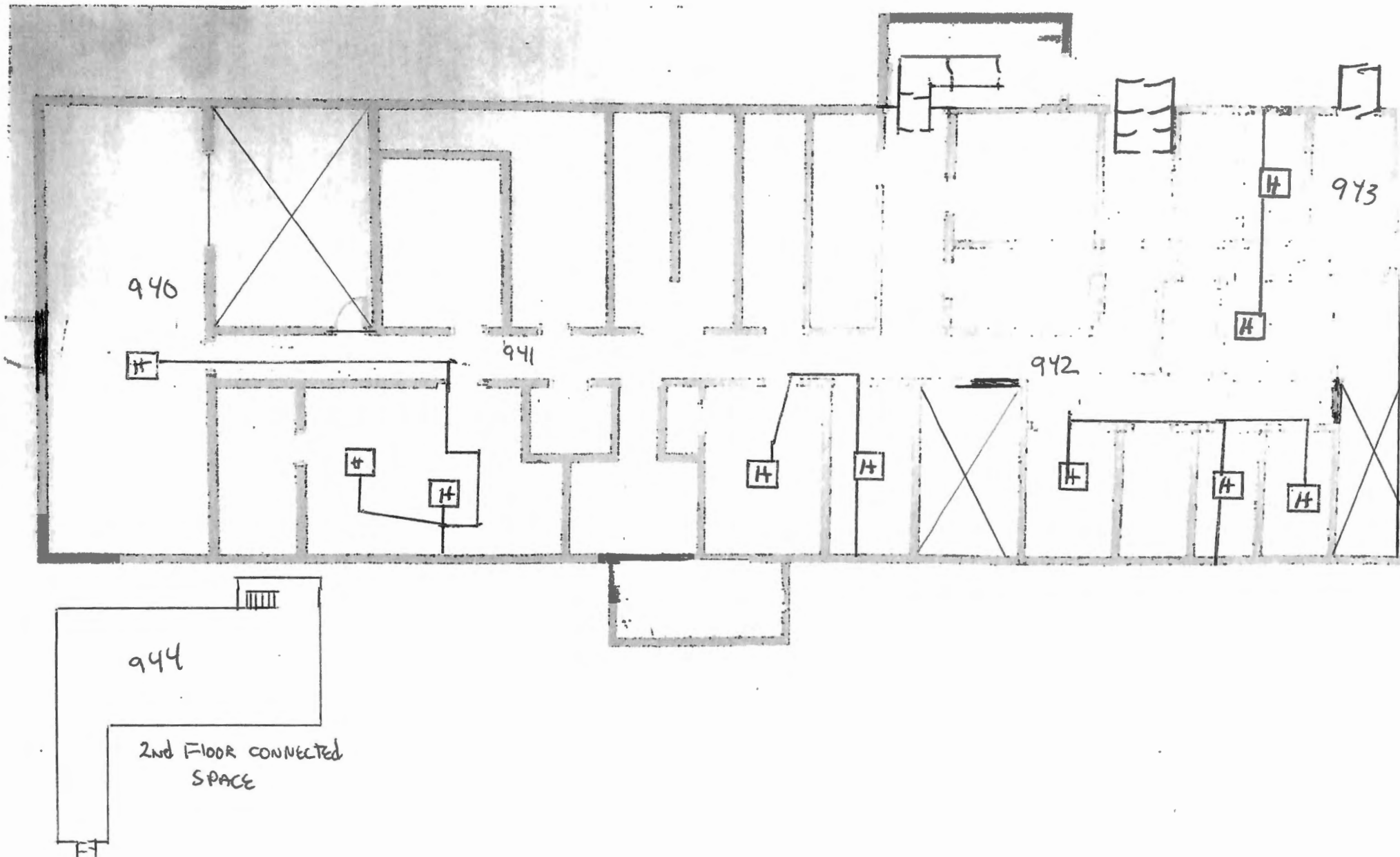
Date: 12-20-22

ACHO # PAA 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



FMR CHES W/ LCK POWER STAIRS -  
Old Admin OFFICES  
ARC ABATEMENT  
VAT + MASTIC REMOVAL  
12 / 20 / 22

PHD ATLANTIC ENVIRON. CONSULTANT  
TECH: MIKE PIRRO  
JOB NO. DB-22-58  
ACHO # PAA 224251







5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
 midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site EMR Cheswick Power Stn.  
UNIT 1 CONDENSER COATING REMOVAL / N+S NPE

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
12/19	940	FINAL CLEARANCE UNIT 1 CONDENSER NORTH NPE	1201	12	12	12	10:35A	12:40P	125	1500L	6/100	.002	
	941	FINAL CLEARANCE	1901	12	12	12	10:35A	12:40P	125	1500L	5/100	.002	
	942	FINAL CLEARANCE	0042	12	12	12	10:35A	12:40P	125	1500L	7/100	.002	
	943	FINAL CLEARANCE	1240	12	12	12	10:35A	12:40P	125	1500L	5/100	.002	
	944	FINAL CLEARANCE ✓	0041	12	12	12	10:35A	12:40P	125	1500L	3/100	.001	
	945	FIELD BLANK	-	-	-	-	-	-	-	-	-	-	
	946	FINAL CLEARANCE UNIT 1 CONDENSER SOUTH NPE	1201	12	12	12	10:55A	1:00P	125	1500L	5/100	.002	
	947	FINAL CLEARANCE	1901	12	12	12	10:55A	1:00P	125	1500L	8/100	.003	
	948	FINAL CLEARANCE	0042	12	12	12	10:55A	1:00P	125	1500L	6/100	.002	
	949	FINAL CLEARANCE	1240	12	12	12	10:55A	1:00P	125	1500L	4/100	.001	
	950	FINAL CLEARANCE ✓	0041	12	12	12	10:55A	1:00P	125	1500L	5/100	.002	

Analysis Performed by: Nabe Pina  
 Standard Reference Sample 230-4 44/100  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# DG-22-58

Date: 12-19-22

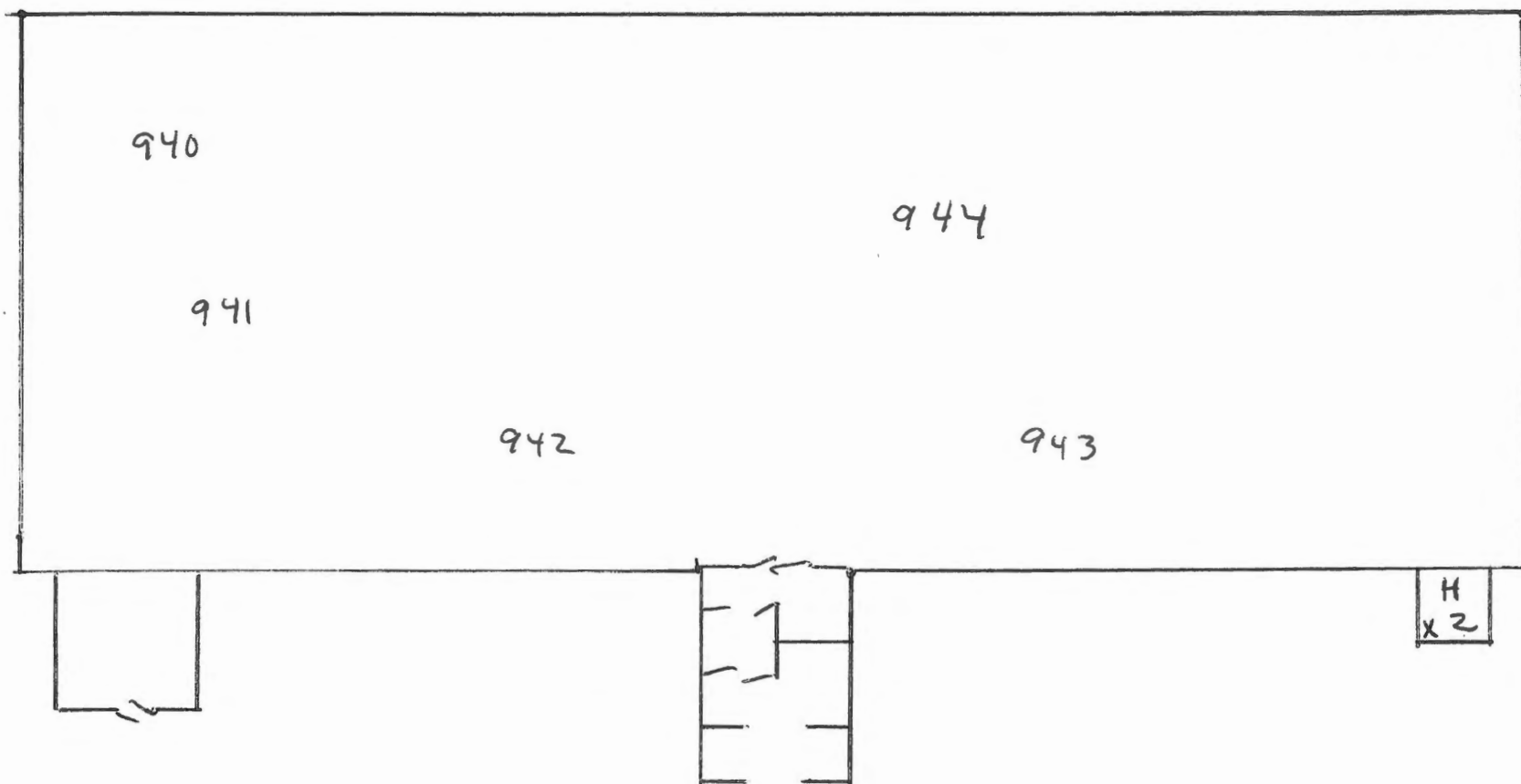
~~ACTH01~~ PAA 224251

All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



FMR CHEWICK PWR STN.  
CONDENSER (NORTH) ACM REMOVAL  
ARC ABATEMENT  
12/19/22

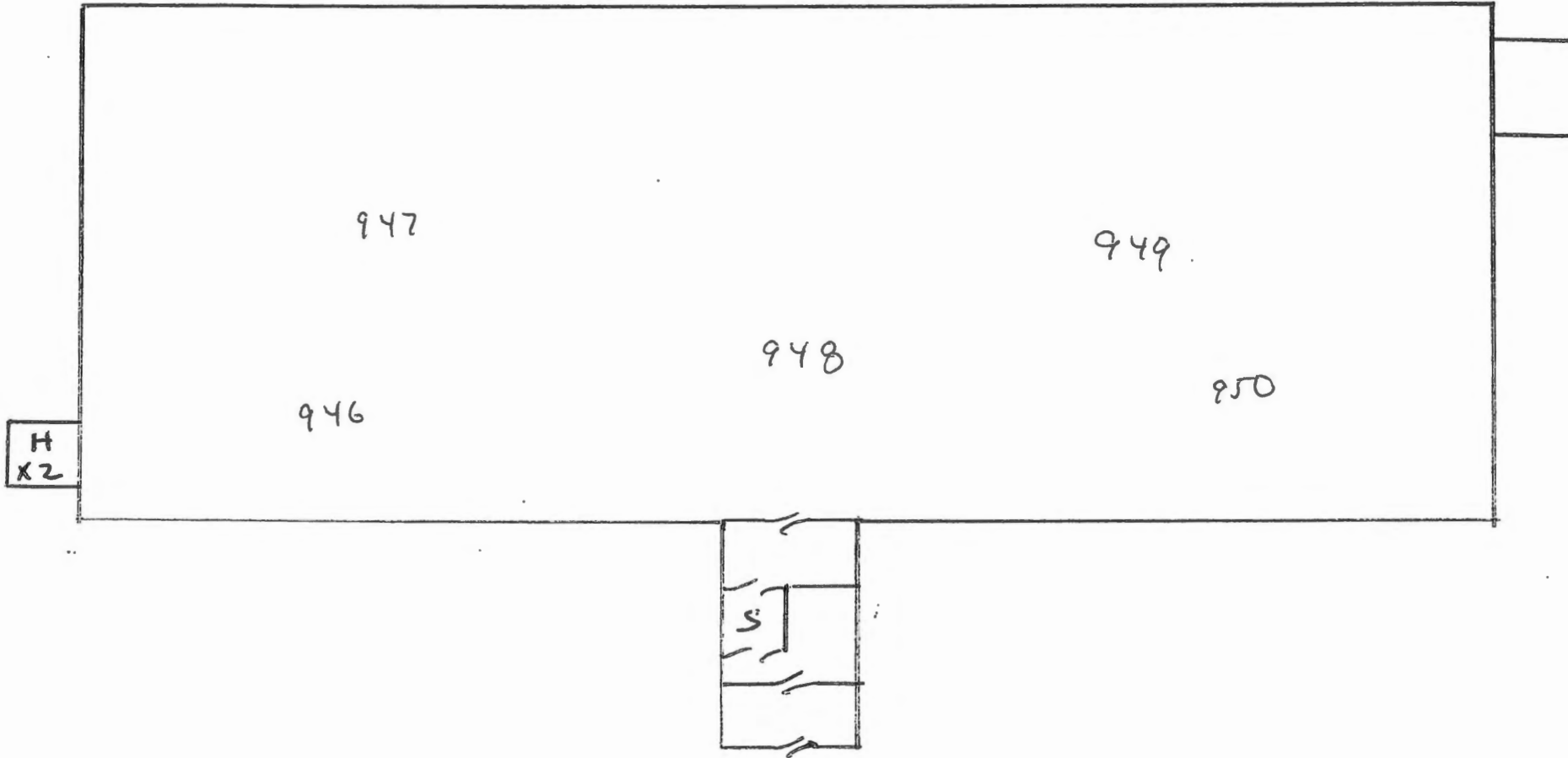
MID ATLANTIC ENVIRON. CONSULTANTS  
TECH: MIKE PIRRO  
JOB NO 06-22-58  
ACTO # PAA 224251





FMR. CHESWICK PWA. STN.  
CONDENSER (SOUTH) ACM REMOVAL  
ARC ADJUTMENT.  
12/19/22

MID ATLANTIC ENVIRON. CONSULTANTS  
TECH: MIKE PIRRO  
JOB NO. 06-22-58  
ACHD # PAA 224251







# BUREAU OF ENVIRONMENTAL QUALITY

## Asbestos Abatement Final Clearance Inspection

Permit No.: PAX22-6251 Date: 1/13/2023 Field Agent: DS  
 Site Location: Chester Park 151 Porter St. Sprinkle 15114  
 Asbestos Abatement Contractor: Arc Abatement

### I CHECKLIST

		Yes	No
2105.63.k	a. Were critical barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	b. Were negative air systems in operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	c. Were work areas properly wet cleaned	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	d. Air monitoring results at specified levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	e. Adequate number of samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	f. Air Sampling results available	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### II RESIDUAL ACM ON:

2105.63.k	a. Floor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	b. Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	c. Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	d. Ventilation Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	e. Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	f. Register	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	g. Lights	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	h. Field Notes:	<hr/>	

Record any problems encountered here:

Contaminant # 16 Unit 4 down corner pipes insulation removed (TSF)

2105.63j Air Monitoring Firm: MIC Atlantic

### III FINAL AIR CLEARANCE:

		Yes	No	Comments:
2105.63j	a. Was hard copy on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	b. Were all samples <.01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Sample Procedures:</b>				
2105.63j	c. Sufficient sampling time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	d. Proper flow rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	e. Correct Cassette	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	f. Proper # Samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS  / HAS NOT  been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.





5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT  
 NPE # 16

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
1/11	1047	FINAL CLEARANCE	1201	12	12	12	6:15A	8:20A	125	1500L	8/100	.003	
	1048	FINAL CLEARANCE	0042	12	12	12	6:15A	8:20A	125	1500L	7/100	.002	
	1049	FINAL CLEARANCE	0041	12	12	12	6:15A	8:20A	125	1500L	8/100	.003	
	1050	FINAL CLEARANCE	1240	12	12	12	6:15A	8:20A	125	1500L	6.5/100	.002	
	1051	FINAL CLEARANCE	6626	12	12	12	6:15A	8:20A	125	1500L	9/100	.003	
	1052	Field Blank	-	-	-	-	-	-	-	-	-0-	-	-

Analysis Performed by: Mike Pina Date: 1-11-23  
 Standard Reference Sample 230-3 100/35  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# DB-23-01

ACT# PAA 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc

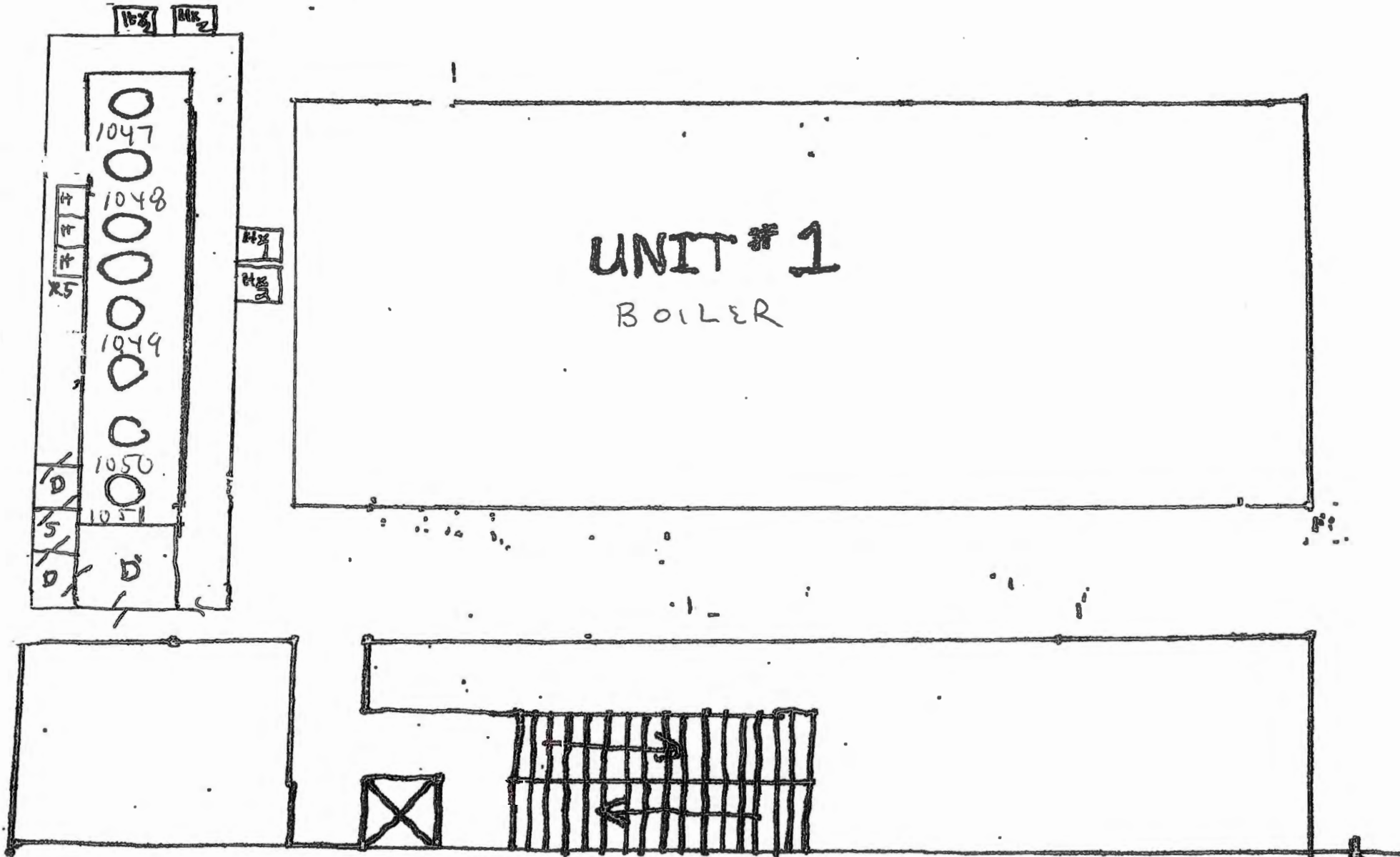


Lewistown Generating Station

FLOOR 1-7  
UNIT 1 - EAST O  
BOILER

ACHD # PAA 224251

CONTAINMENT # 16



Drawn By: mlp  
Date: 1-11-23

Mid Atlantic Environmental Consultants  
Job # DE-23-01



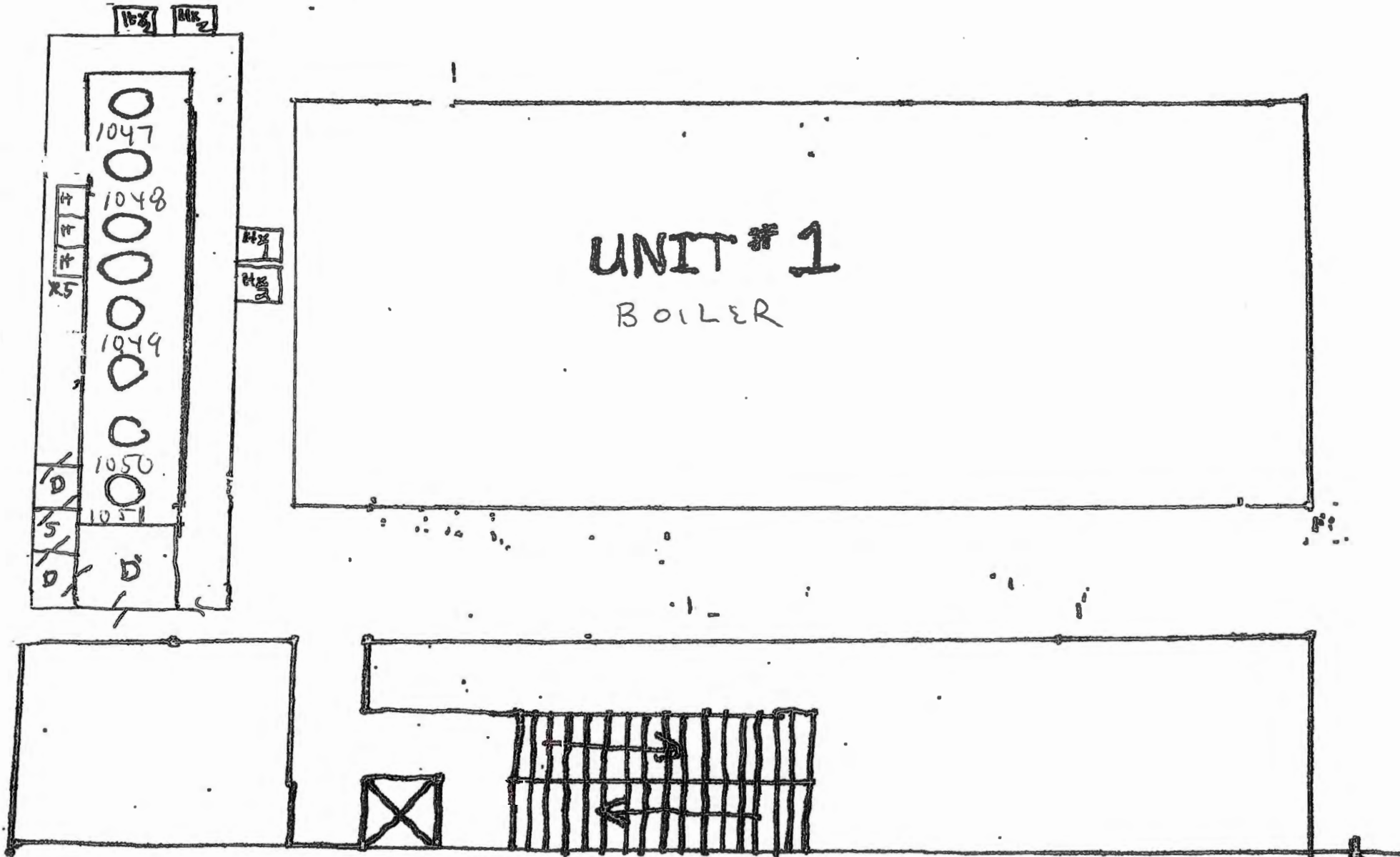


Lanswick Generating Station

FLOOR 1-7  
UNIT 1 - EAST O  
BOILER

ACHD # PAA 224251

CONTAINMENT # 16



Drawn By: mlp/psd  
Date: 1-11-23

Mid Atlantic Environmental Consultants  
Job # DE-23-01







5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT  
UNIT 1 NAE #17 WRAP AROUND PIPING 2nd Fl ISI REMOVAL

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	FICC	Chain of Custody #
				Pre	Post	AVG							
1/14	1081	FINAL CLEARANCE	0042	12	12	12	7:00A	9:05A	125	1500L	7/100	.002	
	1082	FINAL CLEARANCE	1901	12	12	12	7:00A	9:05A	125	1500L	9/100	.003	
	1083	FINAL CLEARANCE	0041	12	12	12	7:00A	9:05A	125	1500L	6/100	.002	
	1084	FINAL CLEARANCE	1201	12	12	12	7:00A	9:05A	125	1500L	7/100	.002	
	1085	FINAL CLEARANCE	1240	12	12	12	7:00A	9:05A	125	1500L	8/100	.003	
	1086	FIELD BLANK	-	-	-	-	-	-	-	-	-0-	-	

Analysis Performed by: Mile Puro  
 Standard Reference Sample 230-2 100/48  
 Reticle 0.00785  
 Type of Microscope Olympus CH-7 PCM  
 JN# 06-23-01

Date: 1-14-23

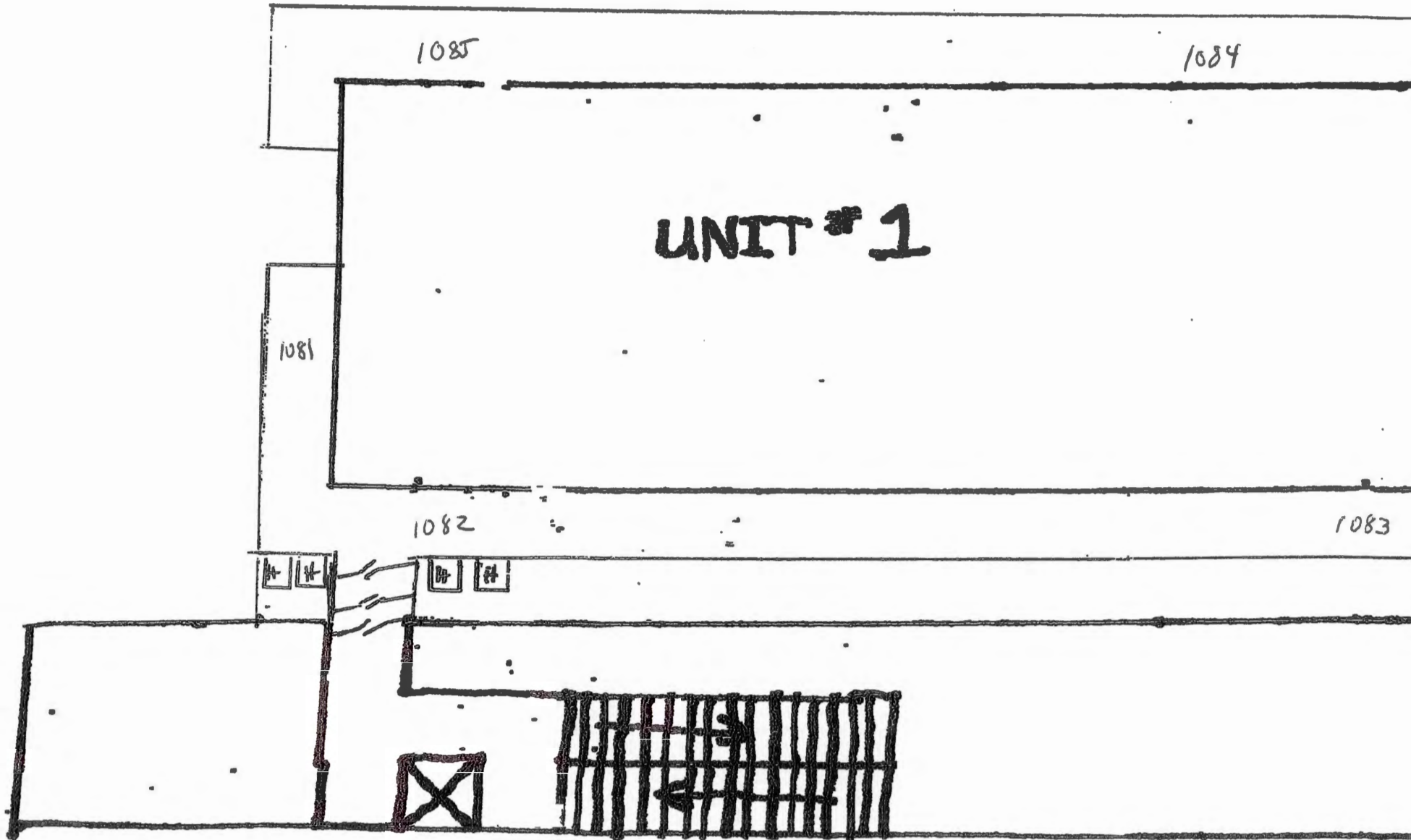
ACHA # 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



UNIT I

CONTAINMENT II LT WRAP  
AROUND HORIZ PIPING

UNIT I  
2nd Floor



Drawn By: Mike Pineda  
Date: 1-14-23

Mid Atlantic Environmental Consulting  
Job # 16-23-01 ACHO # PAA 224251





BUREAU OF ENVIRONMENTAL QUALITY

Asbestos Abatement
Final Clearance Inspection

Permit No.: PAA22-4251 Date: 1/17/23 Field Agent: DZ
Site Location: 151 Porter St Springdale PA 15144 Cheswick Power Plant
Asbestos Abatement Contractor: ARC Abatement

I CHECKLIST

Table with 3 columns: Item ID, Description, Yes, No. Items include: Were critical barriers intact, Were negative air systems in operation, Were work areas properly wet cleaned, Air monitoring results at specified levels, Adequate number of samples collected, Air Sampling results available.

II RESIDUAL ACM ON:

Table with 3 columns: Item ID, Description, Yes, No. Items include: Floor, Horizontal Surfaces, Pipes, Ventilation Equipment, Ducts, Register, Lights, Field Notes.

Record any problems encountered here:

2nd and 3rd floor containment #17 pipe surrounding boiler, pipe insulation removed

2105.63j Air Monitoring Firm: Mid-Atlantic

III FINAL AIR CLEARANCE:

Table with 4 columns: Item ID, Description, Yes, No, Comments. Items include: Was hard copy on site, Were all samples <.01, Sample Procedures: Sufficient sampling time, Proper flow rate, Correct Cassette, Proper # Samples.

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS /HAS NOT been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.





5320 N. Pioneer Road  
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midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT  
UNIT 1 NAE #17 WRAP AROUND PIPING 2nd Fl ISI REMOVAL

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
1/14	1081	FINAL CLEARANCE	0042	12	12	12	7:00A	9:05A	125	1500L	7/100	.002	
	1082	FINAL CLEARANCE	1901	12	12	12	7:00A	9:05A	125	1500L	9/100	.003	
	1083	FINAL CLEARANCE	0041	12	12	12	7:00A	9:05A	125	1500L	6/100	.002	
	1084	FINAL CLEARANCE	1201	12	12	12	7:00A	9:05A	125	1500L	7/100	.002	
	1085	FINAL CLEARANCE	1240	12	12	12	7:00A	9:05A	125	1500L	8/100	.003	
	1086	FIELD BLANK	-	-	-	-	-	-	-	-	-0-	-	

Analysis Performed by: Mile Puro  
 Standard Reference Sample 230-2 100/48  
 Reticle 0.00785  
 Type of Microscope Olympus CH-7 PCM  
 JN# 06-23-01

Date: 1-14-23

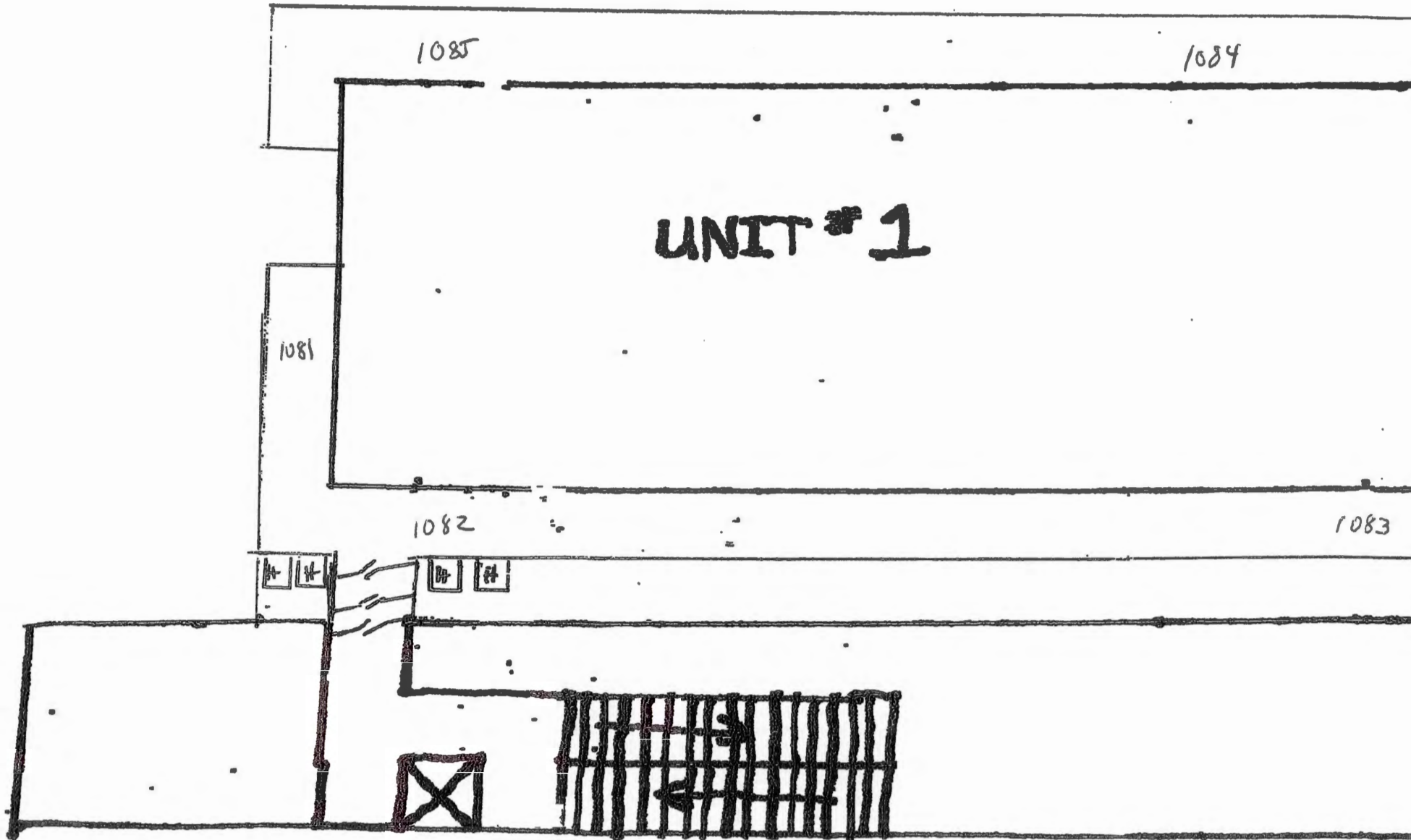
ACHA # 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



UNIT I

CONTAINMENT II LT WRAP  
AROUND HORIZ PIPING

UNIT I  
2nd Floor



Drawn By: Mike Pined  
Date: 1-14-23

Mid Atlantic Environmental Consulting  
Job # 16-23-01 ACHO # PAA 224251





# BUREAU OF ENVIRONMENTAL QUALITY

## Asbestos Abatement Final Clearance Inspection

Permit No.: PAX 22-4251 Date: 1/19/2023 Field Agent: NJD  
 Site Location: Cheswick Generation Station (Aduin/Unit 1)  
 Asbestos Abatement Contractor: ARC ABATEMENT

### I CHECKLIST

		Yes	No
2105.63.k	a. Were critical barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	b. Were negative air systems in operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.k	c. Were work areas properly wet cleaned	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	d. Air monitoring results at specified levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	e. Adequate number of samples collected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2105.63.j	f. Air Sampling results available	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### II RESIDUAL ACM ON:

2105.63.k	a. Floor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	b. Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	c. Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	d. Ventilation Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	e. Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	f. Register	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	g. Lights	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2105.63.k	h. Field Notes:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Record any problems encountered here:

TSI Removed from down corner pipes in containment #18 + #19, plus are small piece of pipe in containment #20 (mini)

send photos to ACHDASBESTOS@Alleganycounty.us, cc: Nicholas.Delphin@Alleganycounty.us

2105.63j Air Monitoring Firm: Midatlantis

### III FINAL AIR CLEARANCE:

		Yes	No	Comments:
2105.63j	a. Was hard copy on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	b. Were all samples <.01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Sample Procedures:</b>				
2105.63j	c. Sufficient sampling time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	d. Proper flow rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	e. Correct Cassette	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2105.63j	f. Proper # Samples	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS  / HAS NOT  been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.



5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
 midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor AAC ABATEMENT Project Site CHESWICK PLANT

NPE # 18 AND NPE # 19 TURBINE ROOM VERTICAL RISER PIPE TSI AAS-100

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
1/18	1136	FINAL CLEARANCE NPE # 18	0042	12	12	12	6:45A	8:50A	125	1500L	7/100	.002	
	1137	FINAL CLEARANCE	1901	12	12	12	6:45A	8:50A	125	1500L	9/100	.003	
	1138	FINAL CLEARANCE	1201	12	12	12	6:45A	8:50A	125	1500L	6/100	.002	
	1139	FINAL CLEARANCE	1240	12	12	12	6:45A	8:50A	125	1500L	8/100	.003	
	1140	FINAL CLEARANCE ↓	0041	12	12	12	6:45A	8:50A	125	1500L	8/100	.003	
	1141	Field Blank	-	-	-	-	-	-	-	-	-0-	-	
	1142	FINAL CLEARANCE NPE # 19	1901	12	12	12	9:00 A	11:00A	125	1500L	8/100	.003	
	1143	FINAL CLEARANCE	0041	12	12	12	9:00 A	11:00A	125	1500L	10/100	.003	
	1144	FINAL CLEARANCE	1201	12	12	12	9:00 A	11:00A	125	1500L	2/100	.002	
	1145	FINAL CLEARANCE	1240	12	12	12	9:00 A	11:00A	125	1500L	8/100	.003	
	1146	FINAL CLEARANCE ↓	0042	12	12	12	9:00 A	11:00A	125	1500L	9/100	.003	

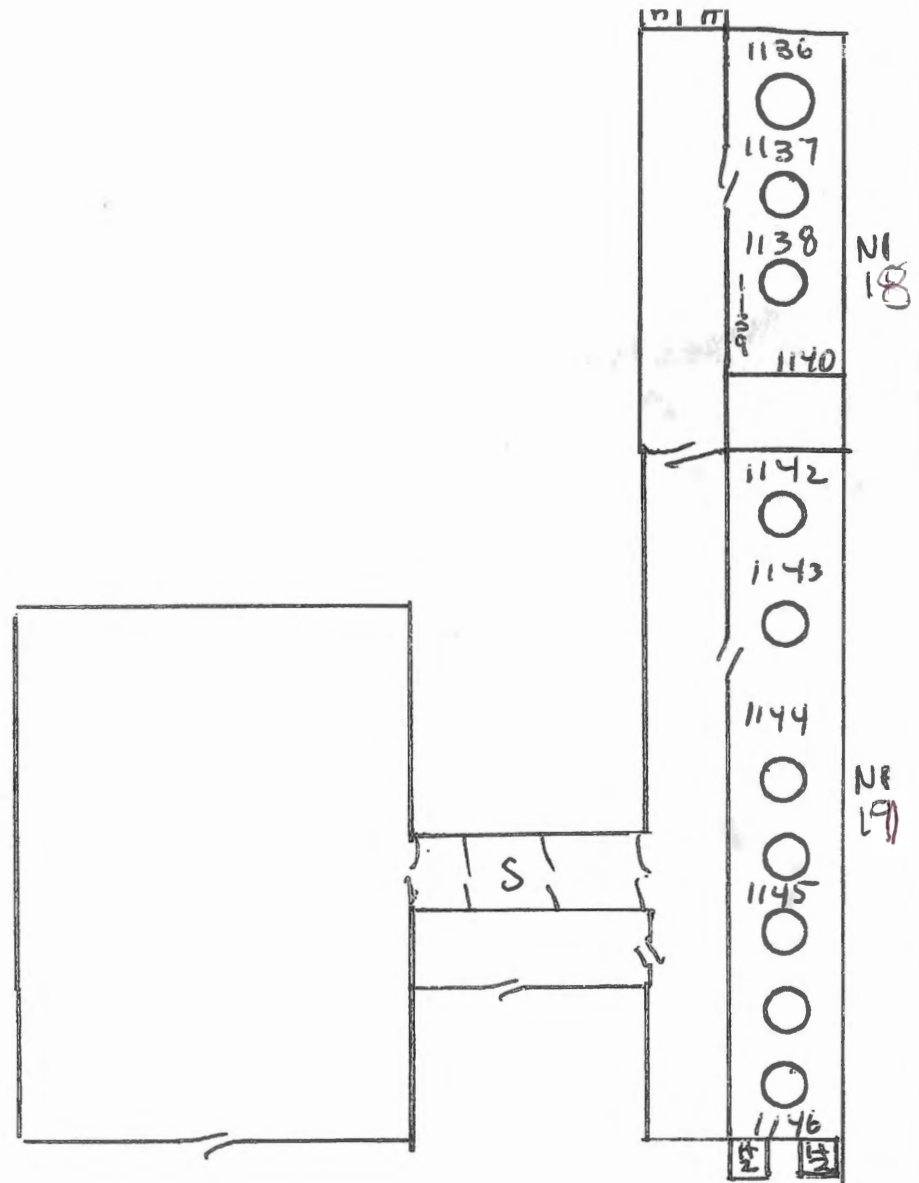
Analysis Performed by: Mike Puro  
 Standard Reference Sample 231-3 100/94  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# D6-23-01

Date: 1-18-23

ACHD # PAA 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



# TURBINE DECK



CHESWICK POWER PLANT NPE 18 + 19  
TURBINE RM DC PIPE TSI REM  
ARC ABATEMENT  
01 / 18 / 23

MID ATLANTIC ENV. CONS.  
TECH: MIKE PEARO  
ACHD. # PAA 224251  
JOB NO DG-23-01



5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
 midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT  
NPE # 20 (mini container)

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
1/17	1133	AREA (isw)	LV-3	4	4	4	10:35A	1:30P	125	700L	5/100	.004	
	1134	AREA (isw)	LV-1	4	4	4	10:35A	1:30P	125	700L	3/100	.002	
	1135	Field Blank	-	-	-	-	-	-	-	-	-0-	-	

Analysis Performed by: Mike Davis  
 Standard Reference Sample 231-1 100/32  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 Pen  
 JN# DG-23-01

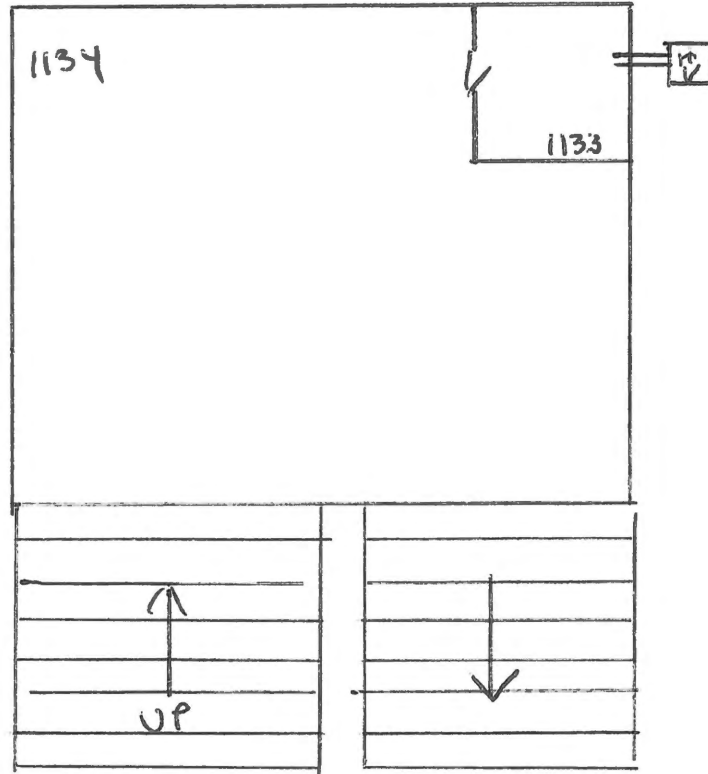
Date: 1-17-23

All samples are analyzed in accordance with N.I.O.S.H 7400 Method (A Rules) EPA Clean Air Limit 0.01f/cc



CHEWICK PLANT UNIT 1  
LEVEL 4 STAIRWELL 151 REM MIN. NPE #20  
ARC ABATEMENT  
01-17-23

MID ATLANTIC ENV. CONSULTANTS  
TECH: MIKE P. ARO  
JOB NO. DG-23-01  
ACTO# PAA 224257



COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

**ACHD Division of Air Quality**  
**Asbestos Abatement Permit # PAA224251**

Contractor Name: ARC ABATEMENT INC

Job Site: CHESWICK GENERATION STATION - ADMIN/UNIT 1  
151 PORTER ST  
SPRINGDALE BORO  
15144

Permit Fee: \$1,850.00

Issuance Date: 5/31/2022

Expiration Date: 3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE PIPING, STEAM DRUM, VAT, MASTIC,  
STUCCO PLASTER, INSULATION, CONDENSER  
COATING AND GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.

ALLEGHENY COUNTY HEALTH DEPARTMENT • AIR QUALITY • 301 39TH STREET PITTSBURGH, PA 15201  
412-578-7964



**PENNSYLVANIA ASBESTOS CERTIFICATION**

**063863**

Birth Date  
02/20/1992



**JOHEYSI M AVILES**  
C/O CRM WORKFORCE  
3905 VINCENNES RD STE 300  
INDIANAPOLIS IN 46268

Expires  
05/19/2023

Issue Date  
06/06/2022

Sex  
F

Height  
5' 05"

Eyes  
BRO

Class  
WORKER

*[Handwritten signature]*

**PENNSYLVANIA ASBESTOS CERTIFICATION**

**064544**

Birth Date  
08/07/1982



MARIA T LARA FIGUEROA  
C/O CRM WORKFORCE SOL.  
3905 VINCENNES RD #300  
INDIANAPOLIS IN 46268

Expires  
05/15/2023

Issue Date  
11/17/2022

Sex  
F

Height  
5' 00"

Eyes  
BLK

Maria T Lara

Class  
WORKER



PENNSYLVANIA ASBESTOS CERTIFICATION



062038

Birth Date  
06/13/1976

ANTONIO CHAVARRIA  
3905 VINCENNES RD  
SUITE 300  
INDIANAPOLIS IN 46268

Expires  
06/11/2023

Issue Date  
11/17/2022

Sex	Height	Eyes
M	5' 01"	BLK

Class  
WORKER

A handwritten signature in black ink, appearing to be 'Antonio', written over a white background.

PENNSYLVANIA ASBESTOS CERTIFICATION

063689

Birth Date  
03/12/1981



RAUL BETANCOURT  
C/O ARC ABATEMENT  
8209 SHERBOURNE DR  
KNOXVILLE TN 37919

Expires  
11/18/2023

Issue Date  
12/20/2022

Sex  
M

Height  
5' 06"

Eyes  
BLK

Class  
SUPERVISOR

A handwritten signature in black ink, appearing to read "R. Betancourt", is written over a white rectangular area at the bottom left of the card.



PENNSYLVANIA ASBESTOS CERTIFICATION

064618

Birth Date  
01/16/1989



SAULO CRUZ  
C/O ARC ABATEMENT  
88 DELAWARE DRIVE  
CHESWICK PA 15204

Expires  
10/29/2023

Issue Date  
12/19/2022

Sex	Height	Eyes
M	5' 06"	BLK

Saulo Cabrera Class  
WORKER

PENNSYLVANIA ASBESTOS CERTIFICATION

063773

Birth Date  
12/14/1997



ARISTIDES REQUENE  
C/O CRM WORKFORCE SOL  
3905 VINCENNES RD # 300  
INDIANAPOLIS IN 46268

Expires  
04/21/2023

Issue Date  
05/23/2022

Sex  
M

Height  
5' 08"

Eyes  
BRO

*Aristides Requene*

Class  
WORKER



PENNSYLVANIA ASBESTOS CERTIFICATION

064616

Birth Date  
10/10/1987



EMMANUEL RUIZ  
C/O ARC ABATEMENT  
88 DELAWARE DRIVE  
CHESWICK PA 15204

Expires  
11/06/2023

Issue Date  
12/19/2022

Sex  
M

Height  
5' 05"

Eyes  
BLK

*Emmanuel Ruiz* Class  
WORKER

PENNSYLVANIA ASBESTOS CERTIFICATION

064058



Sex	Height	Eyes	Birth Date
M	5'09"	BLK	12/05/1995

Expires	Issue Date
04/23/2023	07/27/2022

Class  
WORKER

JOSE D OLIVAS RAYO  
2346 S LYNHURST DR  
SUITE B207  
INDIANAPOLIS IN 46241

*[Handwritten signature]*



**PENNSYLVANIA ASBESTOS CERTIFICATION**

**064535**

Birth Date  
01/15/2000



LISBETH M NUNEZ VENTURA  
2346 SOUTH LYNHURST DRW  
SUITE B-207  
INDIANAPOLIS IN 46241

Expires  
07/14/2023

Issue Date  
11/16/2022

Sex  
F

Height  
5' 06"

Eyes  
BLK

*Lisbeth M. Nunez Ventura*

Class  
WORKER



PENNSYLVANIA ASBESTOS CERTIFICATION

064350

Birth Date  
08/01/1983



JOSE A PAZ SOTELO  
2346 S LYNHURST DR  
STE B207  
INDIANAPOLIS IN 46241

Expires 09/09/2023 Issue Date 09/26/2022

Sex M Height 5' 07" Eyes BRO

*Jose Paz Sotelo* *7/16* Class WORKER



PENNSYLVANIA ASBESTOS CERTIFICATION

064065



Sex M	Height 5'06"	Eyes BLK	Birth Date 04/01/1999
Expires 02/10/2023	Issue Date 07/22/2022		
Class WORKER			
ALEX GARCIA 2346 SOUTH LYNHURST SUITE B-207 INDIANAPOLIS IN 46241			

Alex Garcia

**PENNSYLVANIA ASBESTOS CERTIFICATION**

**064382**

Birth Date  
10/29/1984



DEYLING A SOLANO MARTINEZ  
804 CENTER DRIVE  
APARTMENT B  
CRAWFORDSVILLE IN 47933

Expires  
07/28/2023

Issue Date  
10/05/2022

Sex  
M

Height  
6' 00"

Eyes  
BRO

Class  
WORKER

A handwritten signature in black ink, appearing to be 'A. Solano Martinez', is written over the bottom left portion of the card.



**PENNSYLVANIA ASBESTOS CERTIFICATION**

064069

Sex  
F

Height  
5'08"

Eyes  
BLK

Birth Date  
11/30/1995

Expires  
05/27/2023

Issue Date  
07/25/2022



Class  
WORKER

JULISSA ZELAYA  
2346 SOUTH LYNHURST  
SUITE B-207  
INDIANAPOLIS IN 46241

*[Handwritten signature]*

**PENNSYLVANIA ASBESTOS CERTIFICATION**

**063942**



Sex	Height	Eyes	Birth Date
M	5'07"	GRN	04/08/1970

Expires	Issue Date
05/14/2023	06/16/2022

Class  
WORKER

NORMAN A ZELEDON  
3317 ASHLEY LN  
INDIANAPOLIS IN 46224

*Zeledon c -*



**PENNSYLVANIA ASBESTOS CERTIFICATION**

063651



Sex M Height 5'07" Eyes BLK Birth Date 07/26/1981

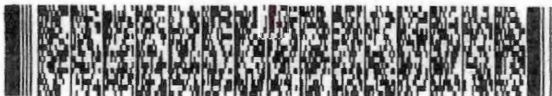
Expires 02/19/2023 Issue Date 05/06/2022

Class WORKER

ALEJANDRO DIAZ  
C/O ARC ABATEMENT  
8209 SHERBOURNE DR  
KNOXVILLE TN 37919

Alejandro Diaz

21 029014971022099



**If found, please contact:**

**Department of Labor & Industry  
Certification, Accreditation & Licensing Division  
651 Boas Street, Room 1606  
Harrisburg, PA 17121.  
(717) 772-3396**

PENNSYLVANIA ASBESTOS CERTIFICATION

063758

Sex  
M

Height  
5'03"

Eyes  
BRO

Birth Date  
11/16/1996



Expires  
01/20/2023

Issue Date  
05/19/2022

Class  
WORKER

GREVIZ M GUIDO RUGAMA  
609 CAHILL LANE  
INDIANAPOLIS IN 46214

*Greviz Guido R*



PENNSYLVANIA ASBESTOS CERTIFICATION

064083



Sex	Height	Eyes	Birth Date
M	5'07"	BRO	01/04/1993

Expires	Issue Date
06/30/2023	07/25/2022

Class  
WORKER

ROYMAN F JARQUIN  
609 CAHILL LN  
INDIANAPOLIS IN 46214

*Royman Jarquin*

**PENNSYLVANIA ASBESTOS CERTIFICATION**

**063778**



<b>Sex</b> M	<b>Height</b> 5'02"	<b>Eyes</b> BLK	<b>Birth Date</b> 02/26/2003
-----------------	------------------------	--------------------	---------------------------------

<b>Expires</b> 05/07/2023	<b>Issue Date</b> 05/24/2022
------------------------------	---------------------------------

**Class**  
WORKER

**RICARDO BRAVO HERNANDEZ**  
**C/O CRM WORKFORCE SOL**  
**3905 VINCENNES RD # 300**  
**INDIANAPOLIS IN 46268**

*Ricardo Bravo*



PENNSYLVANIA ASBESTOS CERTIFICATION

064064



Sex M	Height 5'07"	Eyes BLK	Birth Date 06/05/2000
Expires 04/23/2023	Issue Date 07/22/2022		
Class WORKER			
JHONSSELL VARGAS 2346 SOUTH LYNHURST SUITE B-207 INDIANAPOLIS IN 46241			

*Jhonsell Vargas*

**PENNSYLVANIA ASBESTOS CERTIFICATION**

**062799**

Birth Date  
08/11/1969



JOSE M CRUZ LAGUNA  
3519 GEORGETOWN RD  
INDIANAPOLIS IN 46224

Expires  
02/19/2023

Issue Date  
10/25/2022

Sex  
M

Height  
5' 07"

Eyes  
BRO

*José M. Cruz Laguna*

Class  
WORKER



PENNSYLVANIA ASBESTOS CERTIFICATION

063600

Birth Date  
04/24/1990



ARIEL TORREZ  
C/O CRM WORKFORCE SOL  
3905 VINCENNES RD # 300  
INDIANAPOLIS IN 46268

Expires  
12/14/2022

Issue Date  
04/28/2022

Sex  
M

Height  
5' 05"

Eyes  
BLK

*Ariel Torrez*

Class  
WORKER

**PENNSYLVANIA ASBESTOS CERTIFICATION**

063344

Sex	Height	Eyes	Birth Date
M	5'06"	BRO	07/23/2002



Expires	Issue Date
10/07/2022	01/26/2022

Class  
WORKER

ELIEZER DIAZ  
C/O ONESTEP ENVIRONMENTA  
2729 FREDONIA RD  
INDIANAPOLIS IN 46222

*Eliezer DIAZ*





BUREAU OF ENVIRONMENTAL QUALITY

Asbestos Abatement
Final Clearance Inspection

Permit No.: PA 22-4157

Date: 1.27.2028

Field Agent: DWJ

Site Location: Chemuck Power Plant

Asbestos Abatement Contractor: Arc Abatement

I CHECKLIST

Table with 3 columns: Item ID, Description, Yes/No. Items include: 2105.63.k Were critical barriers intact, 2105.63.k Were negative air systems in operation, 2105.63.k Were work areas properly wet cleaned, 2105.63.j Air monitoring results at specified levels, 2105.63.j Adequate number of samples collected, 2105.63.j Air Sampling results available.

II RESIDUAL ACM ON:

Table with 3 columns: Item ID, Description, Yes/No. Items include: 2105.63.k Floor, 2105.63.k Horizontal Surfaces, 2105.63.k Pipes, 2105.63.k Ventilation Equipment, 2105.63.k Ducts, 2105.63.k Register, 2105.63.k Lights, 2105.63.k Field Notes.

Record any problems encountered here:

Administrative Area restricted Area Room 123. All floor tile & mastic removed via chemical method.

2105.63j Air Monitoring Firm: Allegheny Global

III FINAL AIR CLEARANCE:

Table with 4 columns: Item ID, Description, Yes/No, Comments. Items include: 2105.63j Was hard copy on site, 2105.63j Were all samples <.01, Sample Procedures: 2105.63j Sufficient sampling time, 2105.63j Proper flow rate, 2105.63j Correct Cassette, 2105.63j Proper # Samples.

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS /HAS NOT been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.



5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT  
UNIT 1 old ADMIN OFFICES, Room # 1 UAT/MASTIC REMOVAL

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
1/21	1182	FINAL CLEARANCE	0042	12	12	12	8:15A	10:20A	125	1500L	6/100	.002	
	1183	FINAL CLEARANCE	1901	12	12	12	8:15A	10:20A	125	1500L	4/100	.001	
	1184	FINAL CLEARANCE	1201	12	12	12	8:15A	10:20A	125	1500L	2/100	.002	
	1185	FINAL CLEARANCE	1240	12	12	12	8:15A	10:20A	125	1500L	5/100	.002	
	1186	FINAL CLEARANCE	0041	12	12	12	8:15A	10:20A	125	1500L	5/100	.002	
	1187	Field Blank	-	-	-	-	-	-	-	-	-0-	-	

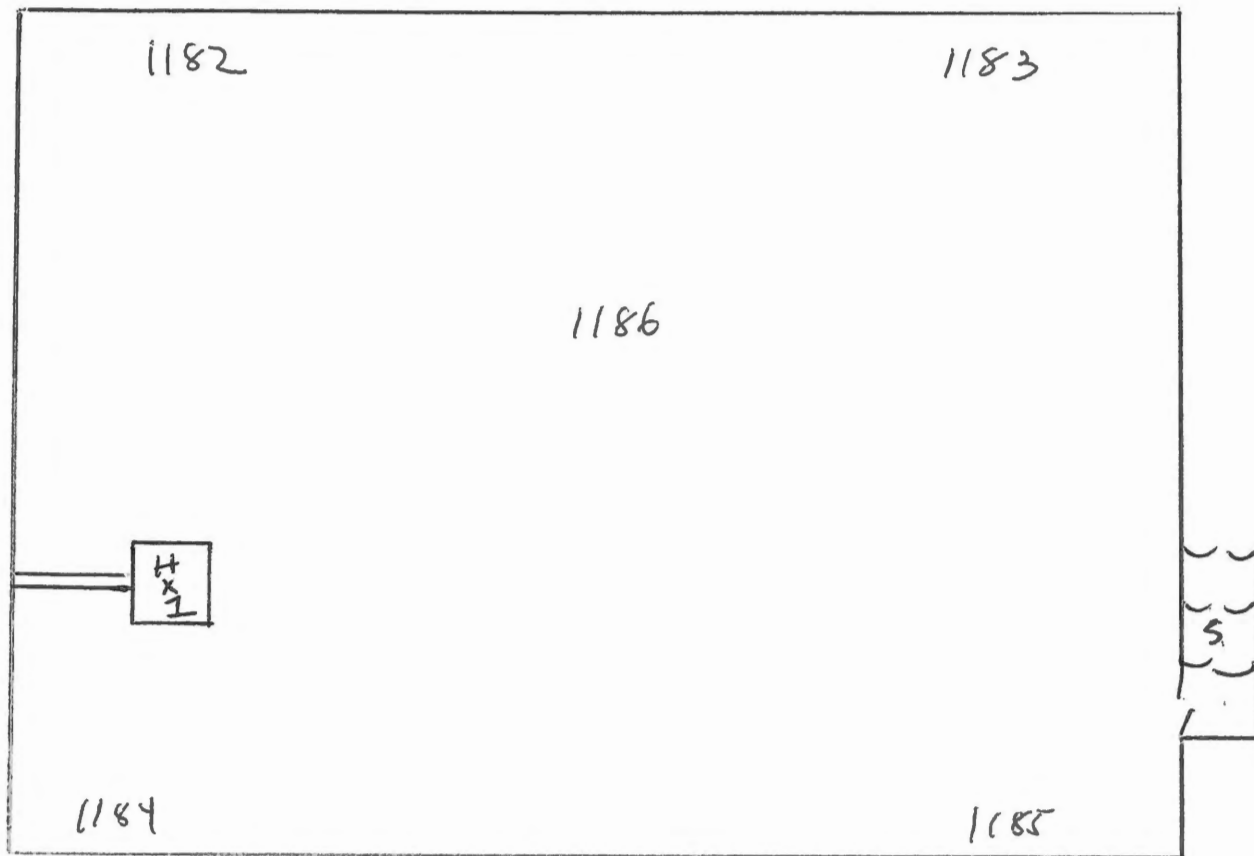
Analysis Performed by: Mike Paris Date: 1-21-23  
 Standard Reference Sample 231-2 101/52  
 Reticle 0.00785  
 Type of Microscope OLYMPUS CH-2 PCM  
 JN# AG-23-01

ACHO # PAA 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



Cheswick Power Stn  
Old Admin Offices Room # 1  
VAT + MASTIC REM  
ARC Abatement  
01/21/23

MID ATLANTIC Environ. Consultants Inc.  
TECH: MIKE PARO  
JOB NO DG-23-01  
ACTO # PAA 224251



ROOM # 1



5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT  
OLD ADMIN OFFICES - VAT / MASTIC REM.

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
1/23	1203	FINAL CLEARANCE Room #2	1201	12	12	12	11:55A	2:00P	125	1500L	5/100	.002	
	1204	FINAL CLEARANCE	1901	12	12	12	11:55A	2:00P	125	1500L	7/100	.002	
	1205	FINAL CLEARANCE	0042	12	12	12	11:55A	2:00P	125	1500L	4/100	.001	
	1206	FINAL CLEARANCE	1240	12	12	12	11:55A	2:00P	125	1500L	6/100	.002	
	1207	FINAL CLEARANCE ✓	0041	12	12	12	11:55A	2:00P	125	1500L	6/100	.002	
	1208	Field Blank	-	-	-	-	-	-	-	-	0-	-	

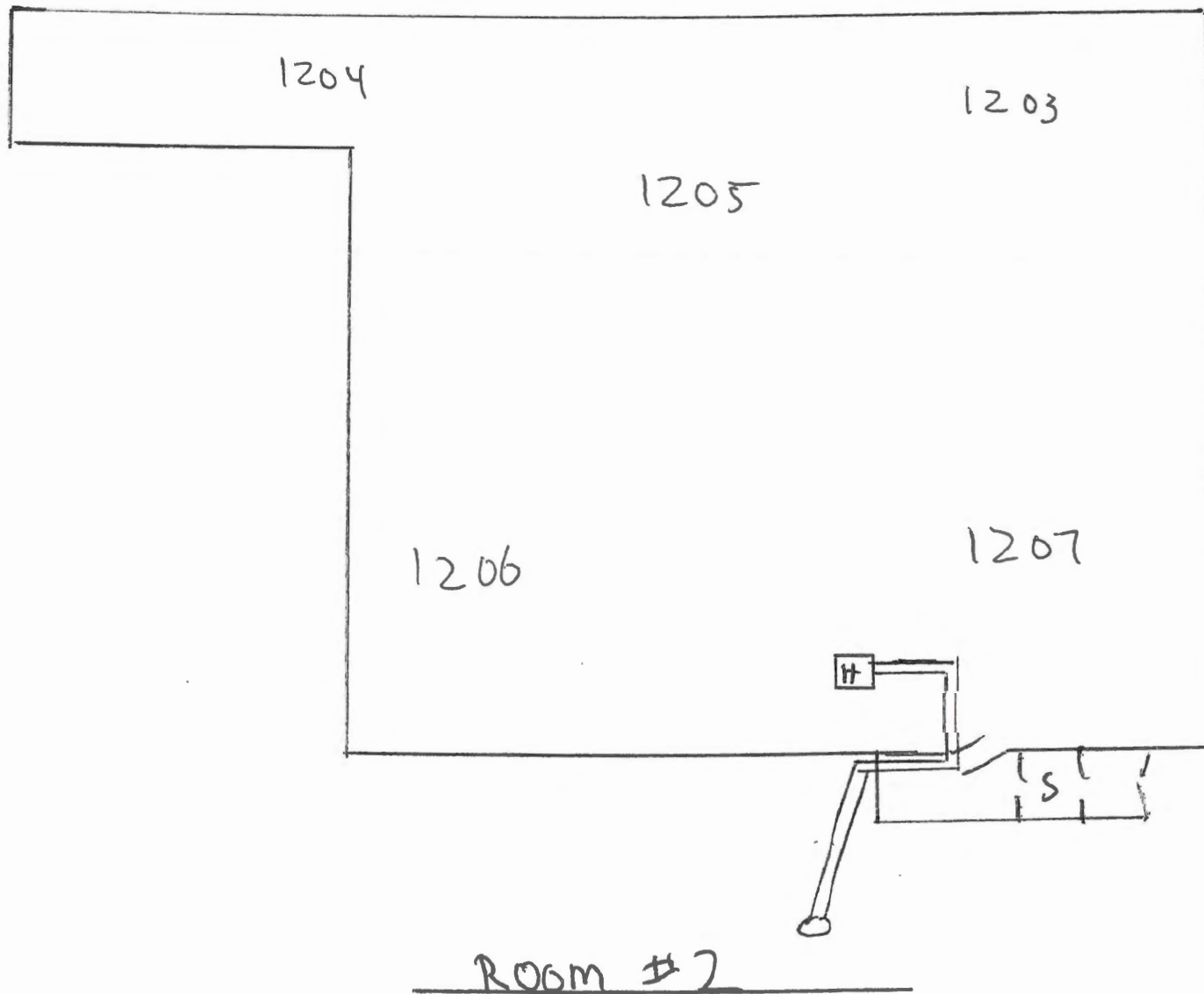
Analysis Performed by: Mike Davis Date: 1-23-23  
 Standard Reference Sample 231-3 100/91  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# 06-23-01

ACH01 PAA 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



CHESWICK POWER STATION  
Old Admin OFCS Room #2  
VAT + Mastic Rem.  
ARC ABATEMENT  
01/23/23

MID ATLANTIC ENVIRON. CONSULTANTS  
TECH = MIKE PARO  
JOB NO OG-23-01  
ACTO # PAA 224251





5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463  
midatlantic@zoominternet.net

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT - Old Admin ofc Room # 3 VAT/MASTIC Rem

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
1/25	1220	FINAL CLEARANCE	0042	12	12	12	6:55A	9:00A	125	1500L	4/100	.001	
	1221	FINAL CLEARANCE	1901	12	12	12	6:55A	9:00A	125	1500L	5/100	.002	
	1222	FINAL CLEARANCE	1201	12	12	12	6:55A	9:00A	125	1500L	4/100	.001	
	1223	FINAL CLEARANCE	1240	12	12	12	6:55A	9:00A	125	1500L	5/100	.002	
	1224	FINAL CLEARANCE	0041	12	12	12	6:55A	9:00A	125	1500L	6/100	.002	
	1225	Field Blank	-	-	-	-	-	-	-	-	-	-	

Analysis Performed by: Mike Pines  
 Standard Reference Sample 230-2 100148  
 Reticle 0.00785  
 Type of Microscope Blympus CH-2 PCM  
 JN# DG-23-01

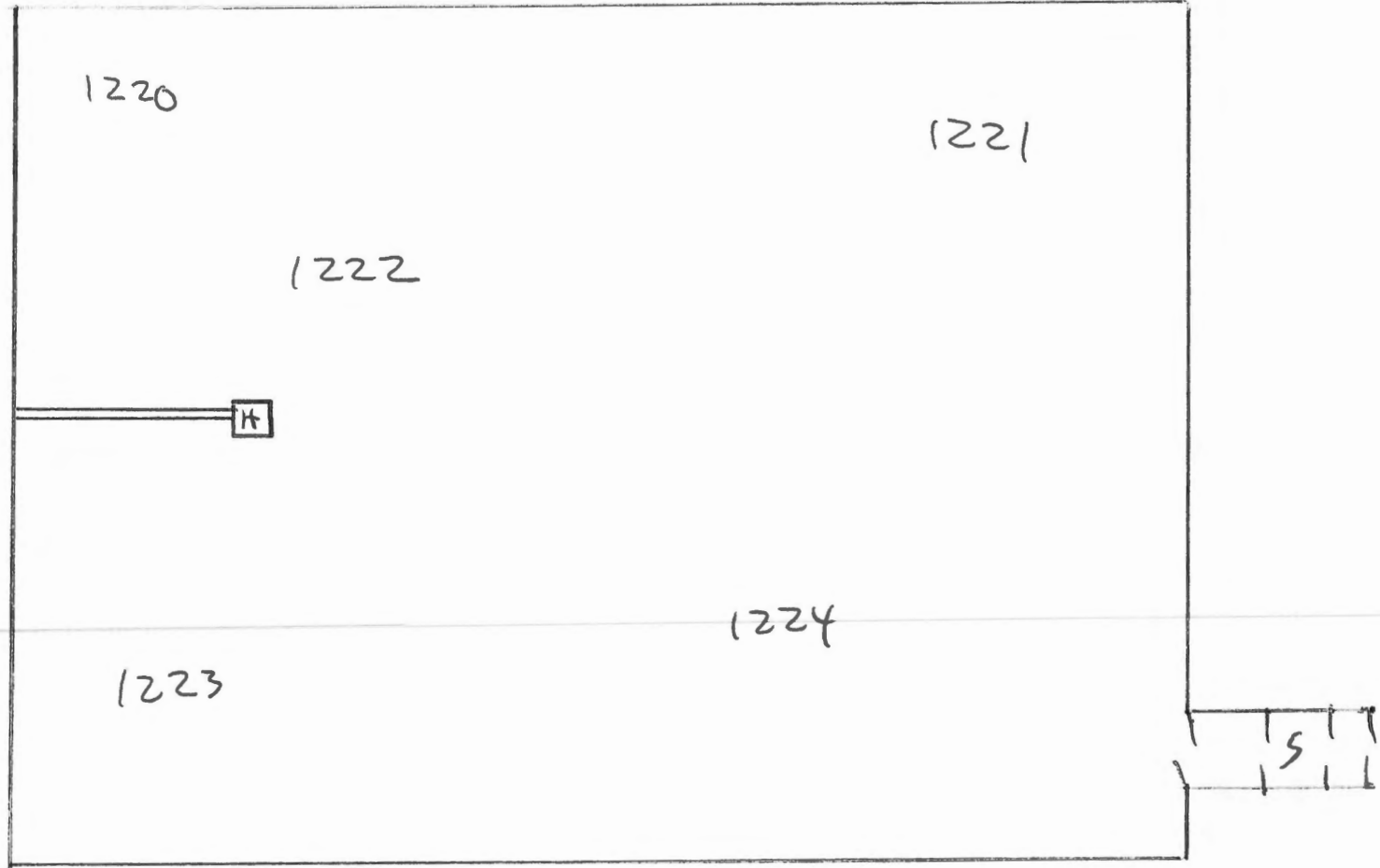
Date: 1-25-23

ACHOT PAA 224251  
 All samples are analyzed in accordance with  
 N.I.O.S.H 7400 Method (A Rules)  
 EPA Clean Air Limit 0.01f/cc



CHESWICK POWER STATION  
Old Admin Offices Room # 3  
VAT + MASTIC REM  
ARC ABATEMENT.  
01/25/23

MID ATLANTIC ENVIRON. CONSULTANTS  
TECH: MIKE PARRIS  
JOB NO DG-23-01  
ACTD# PAA 224251



**PENNSYLVANIA ASBESTOS CERTIFICATION**

**063902**

Birth Date  
12/12/1971



**RONY G CHAVEZ**  
C/O ARC ABATEMENT  
8209 SHERBOURNE DR  
KNOXVILLE TN 37919

Expires 03/11/2023 Issue Date 06/10/2022

Sex M Height 5' 07" Eyes BRO

A handwritten signature in black ink, appearing to be 'R' followed by a stylized flourish.

Class  
SUPERVISOR



**PENNSYLVANIA ASBESTOS CERTIFICATION**

**064535**

Birth Date  
01/15/2000



LISBETH M NUNEZ VENTURA  
2346 SOUTH LYNHURST DRIV  
SUITE B-207  
INDIANAPOLIS IN 46241

Expires  
07/14/2023

Issue Date  
11/16/2022

Sex	Height	Eyes
F	5' 06"	BLK

Class  
WORKER

**PENNSYLVANIA ASBESTOS CERTIFICATION**

**063863**

Birth Date  
02/20/1992



**JOHEYSI M AVILES**  
C/O CRM WORKFORCE  
3905 VINCENNES RD STE300  
INDIANAPOLIS IN 46268

Expires  
05/19/2023

Issue Date  
06/06/2022

Sex  
F

Height  
5' 05"

Eyes  
BRO

Class  
WORKER

*[Handwritten signature]*



**PENNSYLVANIA ASBESTOS CERTIFICATION**

058526

Sex F	Height 5'00"	Eyes BRO	Birth Date 04/26/1966
Expires 05/07/2023	Issue Date 06/10/2022		
Class WORKER			
EDITH Y CRUZ CABRERA C/O ARC ABATEMENT 8209 SHERBOURNE DR KNOXVILLE TN 37919			



*EWCC*



21 0250034107022140



**If found, please contact:**  
Department of Labor & Industry  
Certification, Accreditation & Licensing Division  
661 Boas Street, Room 1606  
Harrisburg, PA 17121.  
(717) 772-3396



**PENNSYLVANIA ASBESTOS CERTIFICATION**

**064069**



Sex	Height	Eyes	Birth Date
F	5'08"	BLK	11/30/1995

Expires	Issue Date
05/27/2023	07/25/2022

Class  
**WORKER**

**JULISSA ZELAYA**  
2346 SOUTH LYNHURST  
SUITE B-207  
INDIANAPOLIS IN 46241

A handwritten signature in black ink, appearing to read "Julissa Zelaya".





BUREAU OF ENVIRONMENTAL QUALITY

Asbestos Abatement
Final Clearance Inspection

Handwritten mark resembling the letter 'D'

Permit No.: PA 22-4251 Date: 2-17-2023 Field Agent: DL
Site Location: 151 Parker St. Charwick Pk - Charwick Power
Asbestos Abatement Contractor: ARC Abatement

I CHECKLIST

Table with 3 columns: Item ID, Description, Yes/No checkboxes. Items include: Were critical barriers intact, Were negative air systems in operation, Were work areas properly wet cleaned, Air monitoring results at specified levels, Adequate number of samples collected, Air Sampling results available.

II RESIDUAL ACM ON:

Table with 3 columns: Item ID, Description, Yes/No checkboxes. Items include: Floor, Horizontal Surfaces, Pipes, Ventilation Equipment, Ducts, Register, Lights, Field Notes.

Record any problems encountered here:

Unit 4 3rd floor. Locker Room, Wash Room. floor tile & mortar removed via chemical method.
1st floor Lab Room. VAT & Rusted flooring removed

2105.63j Air Monitoring Firm: Med Atlantic

III FINAL AIR CLEARANCE:

Table with 4 columns: Item ID, Description, Yes/No checkboxes, Comments. Items include: Was hard copy on site, Were all samples <.01, Sample Procedures: Sufficient sampling time, Proper flow rate, Correct Cassette, Proper # Samples.

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS /HAS NOT been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.



5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DEIGAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT  
 Unit 1 1ST FLOOR LAB RM VAT + ROLLED FLOUR

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #	IR:
				Pre	Post	AVG								
2/16	1378	FINAL CLEARANCE	0041	12	12	12	11:30A	1:35P	125	1500L	4/100	.001		
	1379	FINAL CLEARANCE	1201	12	12	12	11:30A	1:35P	125	1500L	7/100	.002		
	1380	FINAL CLEARANCE	0042	12	12	12	11:30A	1:35P	125	1500L	5/100	.002		
	1381	FINAL CLEARANCE	1401	12	12	12	11:30A	1:35P	125	1500L	6/100	.002		
	1382	FINAL CLEARANCE	1240	12	12	12	11:30A	1:35P	125	1500L	4/100	.001		
	1383	Field Blank	-	-	-	-	-	-	-	-	-	-		

Analysis Performed by: Nate Pina  
 Standard Reference Sample 231-4 100157  
 Reticle 0.00785  
 Type of Microscope Olympus CK-2 PCM  
 JN# DG-23-07

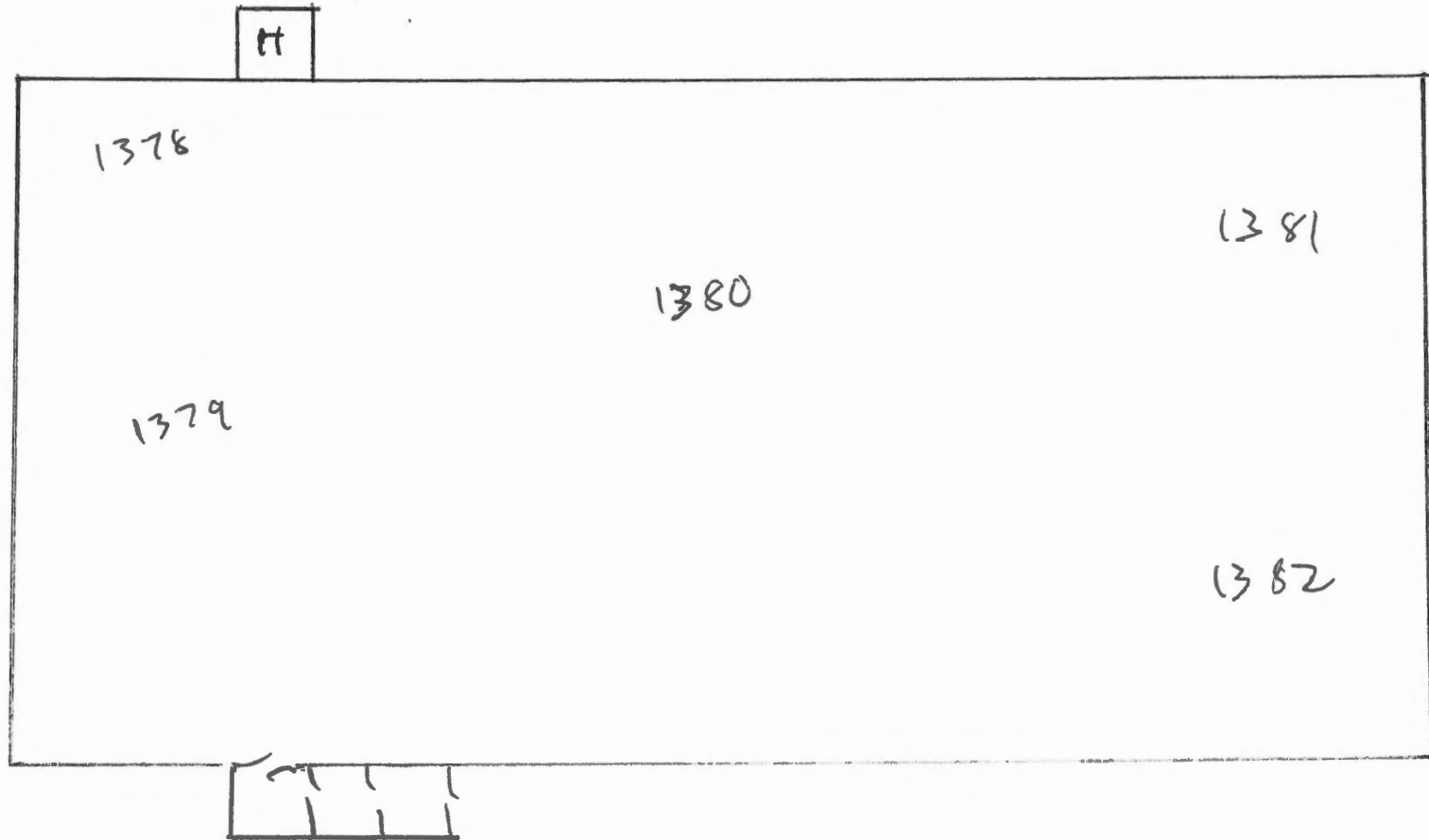
Date: 2-16-23

ACH# PA4 224251  
 All samples are analyzed in accordance with N.I.O.S.H 7400 Method (A Rules) EPA Clean Air Limit 0.01f/cc



Cheswick Power Plant  
Ul 1st Floor Lab  
VAT Removal  
ARC Abatement  
/ /

MID ATLANTIC ENVIRONMENTAL CONSULTANTS  
TECH: MIKE PIRRO  
JOB NO DG-23-07  
ACIO # PAA 224251





5320 N. Pioneer Road  
 Gibsonsia, PA 15044  
 Phone: 724-444-3460 Fax: 724-444-3463

Asbestos Air Monitoring Data Form

Client DELOAN GROUP Asbestos Contractor ARC ABATEMENT Project Site CHESWICK PLANT

Date	Sample	Location/Type	Pump	Calibration			Time on	Time off	Total Min	Sample Volume	Fiber Fields	F/CC	Chain of Custody #
				Pre	Post	AVG							
2/16	1369	Final Clearance <sup>3RD FLOOR LOCKER RM WASH ROOM</sup>	1201	12	12	12	6:00 A	8:05 A	125	1500L	4/100	.001	
	1370	Final Clearance	0042	12	12	12	6:00 A	8:05 A	125	1500L	6/100	.002	
	1371	Final Clearance	1401	12	12	12	6:00 A	8:05 A	125	1500L	5/100	.002	
	1372	Final Clearance	1240	12	12	12	6:00 A	8:05 A	125	1500L	4/100	.001	
	1373	Final Clearance ✓	0041	12	12	12	6:00 A	8:05 A	125	1500L	5/100	.002	
	1374	Field Blank	-	-	-	-	-	-	-	-	-0-	-	

Analysis Performed by: Mike Puccio  
 Standard Reference Sample 231-4 100/57  
 Reticle 0.00785  
 Type of Microscope Olympus CH-2 PCM  
 JN# DG-23-07

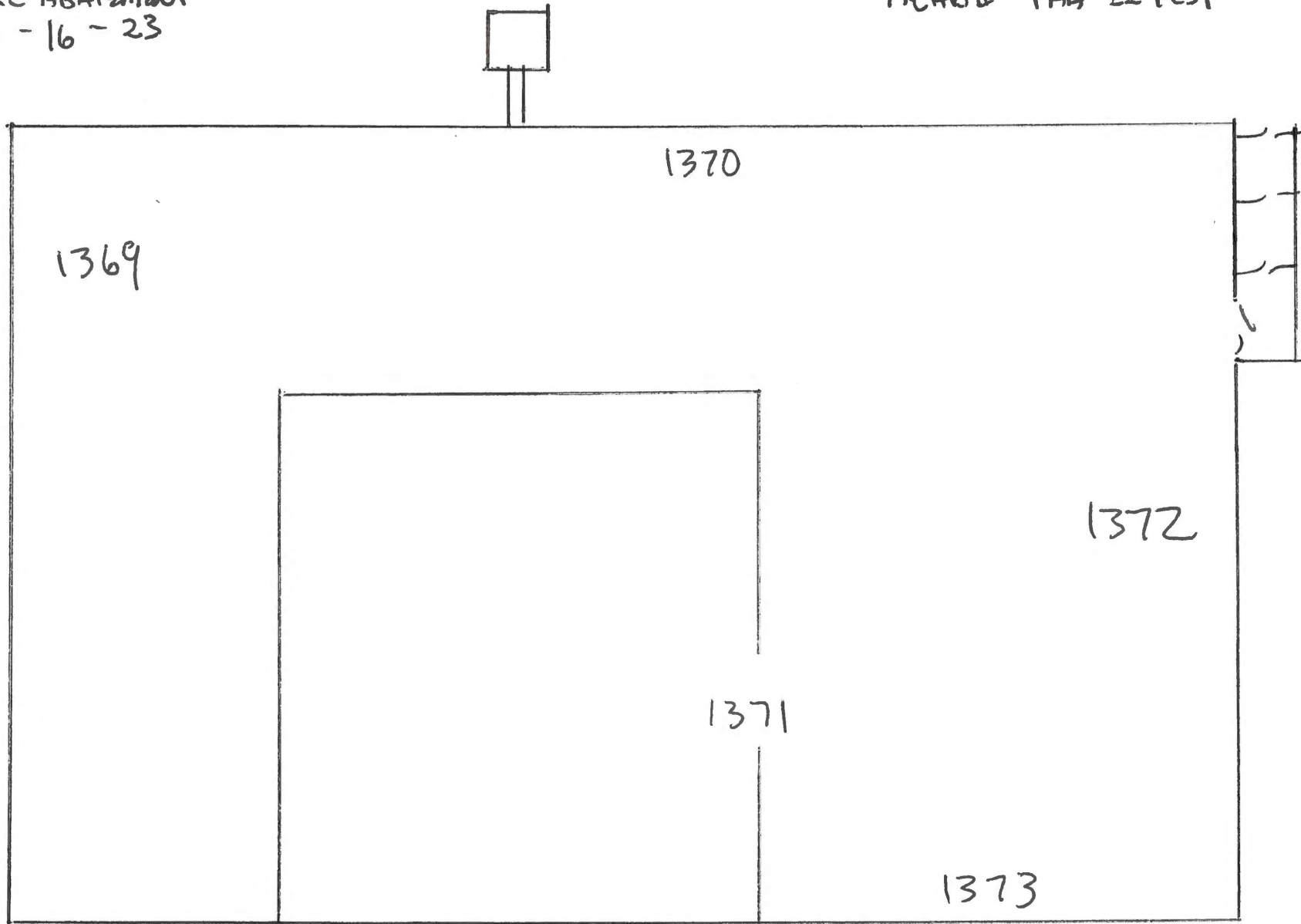
Date: 2-16-23

ACHD # PAA 224251  
 All samples are analyzed in accordance with N.I.O.S.H 7400 Method (A Rules) EPA Clean Air Limit 0.01f/cc



Cheswick Power Plant  
Locker Rm Washroom 3rd Fl  
VAT+MASTIC Removal  
ARC ABATEMENT  
2-16-23

MID ATLANTIC ENVIRONMENTAL CONSULTANTS  
TECH: MIKE PIARO  
JOB NO. DG-23-07  
ARCH# PAA 224251





# BUREAU OF ENVIRONMENTAL QUALITY

## Asbestos Abatement Final Clearance Inspection

Permit No.: FAA 27. 4257 Date: 3.3.2023 Field Agent: OR  
 Site Location: 151 Porter St. Springdale PA 15144  
 Asbestos Abatement Contractor: Ac Abatement

### I CHECKLIST

		Yes	No
2105.63.k	a. Were critical barriers intact	<u>N/A</u>	
2105.63.k	b. Were negative air systems in operation	<u>N/A</u>	
2105.63.k	c. Were work areas properly wet cleaned	<u>N/A</u>	
2105.63.j	d. Air monitoring results at specified levels	<u>/</u>	
2105.63.j	e. Adequate number of samples collected	<u>/</u>	
2105.63.j	f. Air Sampling results available	<u>/</u>	

### II RESIDUAL ACM ON:

2105.63.k	a. Floor		<u>/</u>
2105.63.k	b. Horizontal Surfaces		<u>/</u>
2105.63.k	c. Pipes		<u>/</u>
2105.63.k	d. Ventilation Equipment		<u>/</u>
2105.63.k	e. Ducts		<u>/</u>
2105.63.k	f. Register		<u>/</u>
2105.63.k	g. Lights		<u>/</u>
2105.63.k	h. Field Notes:		

Record any problems encountered here:

Admin Unit 2 all gaskets have been removed.

2105.63j Air Monitoring Firm: Mad Atlantic

### III FINAL AIR CLEARANCE:

		Yes	No	Comments:
2105.63j	a. Was hard copy on site	<u>/</u>		
2105.63j	b. Were all samples <.01	<u>/</u>		
<b>Sample Procedures:</b>				
2105.63j	c. Sufficient sampling time	<u>/</u>		
2105.63j	d. Proper flow rate	<u>/</u>		
2105.63j	e. Correct Cassette	<u>/</u>		
2105.63j	f. Proper # Samples	<u>/</u>		

Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS / / HAS NOT / been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.



Cheswick  
Excavation  
Station  
Final ✓  
Completed

Richard Ravotti  
Charah Environmental  
(502) 377-4228  
RRavotti@Charah.com



## CONTACT SHEET

**CONTRACTOR**                      **ARC Abatement, INC**

**GENERAL MANAGER**            **Warren Brown**  
**504-313-2032**  
**Melissa Alfaro**  
**980-298-2104**

**PROJECT MANAGER**            **Mike Radabaugh**  
**~~340-840-3486~~**

*304-841-3486*

**General SUPERINTENDENT**    **Raul Betancourt**  
**956-410-8920**

**SUPERVISOR**                      **Yoemichael Garcia**  
**503-710-4113**

**SITE SAFETY**                      **Ibrhim Hadir**  
**281-513-3950**

**ADMIN**                              **Daisy Valdez**  
**956-617-4107**

*Cheswick*



# Screenhouse

## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4315  
 Report Date: October 31, 2022  
 Samples Collected: October 3, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-81	5522-4315-01	PERSONNEL / ALEX CORONA / SCREEN HOUSE / GALBESTOS REMOVAL	780.00	0.001	0.001	2.55	0.001	2/100
CW-82	5522-4315-02	AREA / UPWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-83	5522-4315-03	AREA / DOWNWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-84	5522-4315-04	PERSONNEL-STEL / NORMAN ZELEDON / SCREEN HOUSE / GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4315-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4315-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4316  
 Report Date: October 31, 2022  
 Samples Collected: October 4, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-85	5522-4316-01	PERSONNEL / JANIEL LANZA / SCREEN HOUSE / GALBESTOS REMOVAL	780.00	<0.001	0.001	1.27	<0.001	1/100
CW-86	5522-4316-02	AREA / UPWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	2.55	0.001	2/100
CW-87	5522-4316-03	AREA / DOWNWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-88	5522-4316-04	PERSONNEL-STEL / BETTY SOTELO / SCREEN HOUSE / GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4316-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4316-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4317  
 Report Date: October 31, 2022  
 Samples Collected: October 5, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-89	5522-4317-01	PERSONNEL / ALEX CORONA / SCREEN HOUSE / GALBESTOS REMOVAL	780.00	0.001	0.001	2.55	0.001	2/100
CW-90	5522-4317-02	AREA / UPWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-91	5522-4317-03	AREA / DOWNWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-92	5522-4317-04	PERSONNEL-STEL / RAUL BETANCOURT / SCREEN HOUSE / GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4317-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4317-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4318  
 Report Date: October 31, 2022  
 Samples Collected: October 6, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-93	5522-4318-01	PERSONNEL / JANIEL LANZA / SCREEN HOUSE / GALBESTOS REMOVAL	780.00	0.001	0.001	2.55	0.001	2/100
CW-94	5522-4318-02	AREA / UPWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	2.55	0.001	2/100
CW-95	5522-4318-03	AREA / DOWNWIND / SCREEN HOUSE / GALBESTOS REMOVAL	780.00		0.001	2.55	0.001	2/100
CW-96	5522-4318-04	PERSONNEL-STEL / BETTY SOTELO / SCREEN HOUSE / GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4318-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4318-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4870  
 Report Date: December 7, 2022  
 Samples Collected: October 7, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-97	5522-4870-01	PERSONNEL / ALEX COVONIT / SCREEN HOUSE GALBESTOS REMOVAL	660.00	<0.001	0.001	1.27	<0.001	1/100
CW-98	5522-4870-02	AREA / SCREEN HOUSE GALBESTOS REMOVAL UPWIND	660.00		0.001	2.55	0.001	2/100
CW-99	5522-4870-03	AREA / SCREEN HOUSE GALBESTOS REMOVAL DOWNWIND	660.00		0.001	1.27	<0.001	1/100
CW-100	5522-4870-04	PERSONNEL-STEL / NORMAN ZOLEDON / SCREEN HOUSE GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4870-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4870-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4871  
 Report Date: December 7, 2022  
 Samples Collected: October 10, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-101	5522-4871-01	PERSONNEL / JANIEL LANZA / SCREEN HOUSE GALBESTOS REMOVAL	780.00	<0.001	0.001	1.27	<0.001	1/100
CW-102	5522-4871-02	AREA / SCREEN HOUSE GALBESTOS REMOVAL UPWIND	780.00		0.001	1.27	<0.001	1/100
CW-103	5522-4871-03	AREA / SCREEN HOUSE GALBESTOS REMOVAL DOWNWIND	780.00		0.001	1.27	<0.001	1/100
CW-104	5522-4871-04	PERSONNEL-STEL / BETTY SOTELO / SCREEN HOUSE GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4871-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4871-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

# Storage Building



# Barge Unloader

## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4312  
 Report Date: October 31, 2022  
 Samples Collected: September 27, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-69	5522-4312-01	PERSONNEL / BETTY SOTELO / BARGE UNLOADER / GALBESTOS REMOVAL	780.00	<0.001	0.001	1.27	<0.001	1/100
CW-70	5522-4312-02	AREA / UPWIND / BARGE UNLOADER / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-71	5522-4312-03	AREA / DOWNWIND / BARGE UNLOADER / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-72	5522-4312-04	PERSONNEL-STEL / NORMAN ZELEDON / BARGE UNLOADER / GALBESTOS REMOVAL	60.00		0.004	7.64	0.049	6/100
B1	5522-4312-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4312-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4313  
 Report Date: October 31, 2022  
 Samples Collected: September 28, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-73	5522-4313-01	PERSONNEL / JANIEL LANZA / BARGE UNLOADER / GALBESTOS REMOVAL	780.00	0.001	0.001	2.55	0.001	2/100
CW-74	5522-4313-02	AREA / UPWIND / BARGE UNLOADER / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-75	5522-4313-03	AREA / DOWNWIND / BARGE UNLOADER / GALBESTOS REMOVAL	780.00		0.001	2.55	0.001	2/100
CW-76	5522-4313-04	PERSONNEL-STEL / BETTY SOTELO / BARGE UNLOADER / GALBESTOS REMOVAL	60.00		0.004	2.55	0.016	2/100
B1	5522-4313-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4313-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4314  
 Report Date: October 31, 2022  
 Samples Collected: September 29, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-77	5522-4314-01	PERSONNEL / NORMAN ZELEDON / BARGE UNLOADER / GALBESTOS REMOVAL	780.00	<0.001	0.001	<3.18	<0.001	0/100
CW-78	5522-4314-02	AREA / UPWIND / BARGE UNLOADER / GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-79	5522-4314-03	AREA / DOWNWIND / BARGE UNLOADER / GALBESTOS REMOVAL	780.00		0.001	2.55	0.001	2/100
CW-80	5522-4314-04	PERSONNEL-STEL / ALEX CORONA / BARGE UNLOADER / GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4314-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4314-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4882  
 Report Date: December 7, 2022  
 Samples Collected: October 28, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-155	5522-4882-01	PERSONNEL / NORMAN ZALEDON / CRUSHER HOUSE GALBESTOS REMOVAL	450.00	<0.001	0.001	1.27	0.001	1/100
CW-156	5522-4882-02	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	450.00		0.001	<3.18	<0.001	0/100
CW-157	5522-4882-03	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	450.00		0.001	1.27	0.001	1/100
CW-158	5522-4882-04	PERSONNEL-STEL / BETTY SOTELO / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4882-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4882-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

# Crusher House



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4307  
 Report Date: October 31, 2022  
 Samples Collected: September 20, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-48	5522-4307-01	PERSONNEL / JANIEL LANZA / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	0.002	0.001	5.10	0.002	4/100
CW-49	5522-4307-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/100
CW-50	5522-4307-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/100
CW-51	5522-4307-04	PERSONNEL-STEL / BETTY SOTELO / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4307-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4307-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4308  
 Report Date: October 31, 2022  
 Samples Collected: September 21, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-52	5522-4308-01	PERSONNEL / NORMAN ZELEDON / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	<0.001	0.001	1.27	<0.001	1/100
CW-53	5522-4308-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	1.27	<0.001	1/100
CW-54	5522-4308-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	1.27	<0.001	1/100
CW-55	5522-4308-04	PERSONNEL-STEL / ALEX CORONA / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4308-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4308-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4309  
 Report Date: October 31, 2022  
 Samples Collected: September 22, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-56	5522-4309-01	PERSONNEL / BETTY SOTELO / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	<0.001	0.001	1.27	<0.001	1/100
CW-57	5522-4309-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	1.27	<0.001	1/100
CW-58	5522-4309-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	1.27	<0.001	1/100
CW-59	5522-4309-04	PERSONNEL-STEL / JANIEL LANZA / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4309-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4309-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4310  
 Report Date: October 31, 2022  
 Samples Collected: September 23, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-60	5522-4310-01	PERSONNEL / NORMAN ZELEDON / CRUSHER HOUSE / GALBESTOS REMOVAL	900.00	0.001	0.001	2.55	0.001	2/100
CW-61	5522-4310-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	900.00		0.001	2.55	0.001	2/100
CW-62	5522-4310-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	900.00		0.001	1.27	<0.001	1/100
CW-63	5522-4310-04	PERSONNEL-STEL / BETTY SOTELO / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4310-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4310-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4311  
 Report Date: October 31, 2022  
 Samples Collected: September 26, 2022  
 Date Received: October 24, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-64	5522-4311-01	PERSONNEL / ALEX CORONA / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	<0.001	0.001	1.27	<0.001	1/100
CW-66	5522-4311-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/100
CW-67	5522-4311-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/100
CW-68	5522-4311-04	PERSONNEL-STEL / JANIEL LANZA / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4311-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4311-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4874  
 Report Date: December 7, 2022  
 Samples Collected: October 14, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-113	5522-4874-01	PERSONNEL / JANIEL LANIZA / CRUSHER HOUSE GALBESTOS REMOVAL	660.00	0.002	0.001	6.37	0.004	5/100
CW-114	5522-4874-02	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	660.00		0.001	1.27	<0.001	1/100
CW-115	5522-4874-03	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	660.00		0.001	2.55	0.001	2/100
CW-116	5522-4874-04	PERSONNEL-STEL / BETTY SOTELO / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4874-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4874-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4875  
 Report Date: December 7, 2022  
 Samples Collected: October 17, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generation Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-117	5522-4875-01	PERSONNEL / ALEX CORONA / CRUSHER HOUSE GALBESTOS REMOVAL	780.00	<0.001	0.001	1.27	<0.001	1/100
CW-118	5522-4875-02	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	780.00		0.001	1.27	<0.001	1/100
CW-119	5522-4875-03	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	780.00		0.001	2.55	0.001	2/100
CW-120	5522-4875-04	PERSONNEL STEL / NORMAN ZOLEDON / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4875-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4875-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4878  
 Report Date: December 7, 2022  
 Samples Collected: October 24, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-129	5522-4878-01	PERSONNEL / ALEJANDRO CORONA / CRUSHER HOUSE GALBESTOS REMOVAL	780.00	0.001	0.001	2.55	0.001	2/100
CW-130	5522-4878-02	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	780.00		0.001	1.27	<0.001	1/100
CW-131	5522-4878-03	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	780.00		0.001	1.27	<0.001	1/100
CW-132	5522-4878-04	PERSONNEL-STEL / JANIEL LANZA / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/100
B1	5522-4878-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4878-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4879  
 Report Date: December 7, 2022  
 Samples Collected: October 25, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-133	5522-4879-01	PERSONNEL / BETTY SOTELO / CRUSHER HOUSE GALBESTOS REMOVAL	780.00	<0.001	0.001	1.27	<0.001	1/100
CW-134	5522-4879-02	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	780.00		0.001	1.27	<0.001	1/100
CW-135	5522-4879-03	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	780.00		0.001	1.27	<0.001	1/100
CW-136	5522-4879-04	PERSONNEL-STEL / NORMAN ZELADON / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4879-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4879-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



## PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)  
 1322 Space Park Drive, Suite A155  
 Houston, TX 77058  
 281-470-0708  
 Contact: Luis Hernandez

Report Number: 5522-4881  
 Report Date: December 7, 2022  
 Samples Collected: October 27, 2022  
 Date Received: November 30, 2022  
 Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-146	5522-4881-01	PERSONNEL / EDITH CRUZ / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT	450.00	0.001	0.001	2.55	0.002	2/100
CW-147	5522-4881-02	PERSONNEL / GRAVIS GUIDO / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT	450.00	0.002	0.001	6.37	0.005	5/100
CW-148	5522-4881-03	AREA / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT DECON	450.00		0.001	1.27	0.001	1/100
CW-149	5522-4881-04	AREA / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT NEGATIVE AIR	450.00		0.001	8.92	0.008	7/100
CW-150	5522-4881-05	PERSONNEL-STEL / OSCAR JARQUIN / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT	60.00		0.004	17.83	0.114	14/100
CW-151	5522-4881-06	PERSONNEL / BETTY SOTELO / CRUSHER HOUSE GALBESTOS REMOVAL	960.00	<0.001	0.001	1.27	<0.001	1/100
CW-152	5522-4881-07	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	960.00		0.001	2.55	0.001	2/100
CW-153	5522-4881-08	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	960.00		0.001	2.55	0.001	2/100
CW-154	5522-4881-09	PERSONNEL-STEL / ALEX CORONA / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4881-10	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.



Pond

# Coal Stack Tower



# PADOLI Licenses

PENNSYLVANIA ASBESTOS CERTIFICATION



*Royman Jarquin*

Sex: M Height: 5'07" Eyes: BRO Birth Date: 07/04/1983  
Expires: 06/30/2023 Issue Date: 07/25/2022  
Class: WORKER  
ROYMAN F JARQUIN  
809 CAHILL LN  
INDIANAPOLIS IN 46214

PENNSYLVANIA ASBESTOS CERTIFICATION



*Ruddy Ruiz Gomez*

Sex: M Height: 5'10" Eyes: BLK Birth Date: 03/05/1979  
Expires: 07/16/2023 Issue Date: 08/31/2022  
Class: WORKER  
RUDDY RUIZ GOMEZ  
180 GAMMA DR BLDG A  
PITTSBURGH PA 15238

PENNSYLVANIA ASBESTOS CERTIFICATION



*José R Cruz C*

Sex: M Height: 5'08" Eyes: BRO Birth Date: 07/16/1958  
Expires: 04/30/2023 Issue Date: 05/26/2022  
Class: WORKER  
JOSE R CRUZ CABRERA  
C/O ARC ABATEMENT  
8209 SHERBOURNE DR  
KNOXVILLE TN 37919

PENNSYLVANIA ASBESTOS CERTIFICATION



*Grevez Guido R*

Sex: M Height: 5'03" Eyes: BRO Birth Date: 11/16/1996  
Expires: 07/20/2023 Issue Date: 05/19/2022  
Class: WORKER  
GREVEZ M GUIDO RUGAMA  
609 CAHILL LANE  
INDIANAPOLIS IN 46214

PENNSYLVANIA ASBESTOS CERTIFICATION



*Ricardo Bravo*

Sex: M Height: 5'02" Eyes: BLK Birth Date: 02/26/2003  
Expires: 06/07/2023 Issue Date: 05/24/2022  
Class: WORKER  
RICARDO BRAVO HERNANDEZ  
C/O GRM WORKFORCE SOL  
3905 VINCENNES RD # 300  
INDIANAPOLIS IN 46268

PENNSYLVANIA ASBESTOS CERTIFICATION



*Edith Y Cruz*

Sex: F Height: 5'00" Eyes: BRO Birth Date: 04/28/1966  
Expires: 06/07/2023 Issue Date: 06/10/2022  
Class: WORKER  
EDITH Y CRUZ CABRERA  
C/O ARC ABATEMENT  
8209 SHERBOURNE DR  
KNOXVILLE TN 37919

PENNSYLVANIA ASBESTOS CERTIFICATION



*Raul Betancourt*

Sex: M Height: 5'06" Eyes: BLK Birth Date: 03/12/1987  
Expires: 12/03/2022 Issue Date: 05/11/2022  
Class: SUPERVISOR  
RAUL BETANCOURT  
C/O ARC ABATEMENT  
8209 SHERBOURNE DR  
KNOXVILLE TN 37919

PENNSYLVANIA ASBESTOS CERTIFICATION



*Jesus Ruiz*

Sex: M Height: 5'08" Eyes: BRO Birth Date: 11/13/1969  
Expires: 11/05/2022 Issue Date: 08/31/2022  
Class: WORKER  
JESUS RUIZ  
180 GAMMA DR BLDG A  
PITTSBURGH PA 15238

oscar Jarquin



# Cheswick ACHD Permits # 5

DEFERRED

PAA 224245

Extensor Galbestos

Pond (PERIMETER FENCE)  
GALBESTOS

★

~~224246~~

~~Coal Stack Tower~~

DONE

224247

Barge Unloader

★

~~224248~~

~~Screen House~~

224249

Storage

★

~~224250~~

~~Crusher House~~

★

~~224251~~

~~Admin Unit #1~~

224463

FLY ASH SILO

ACHD PERMITS

COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

**ACHD Division of Air Quality**  
**Asbestos Abatement Permit # PAA224463**

Contractor Name: ARC ABATEMENT INC

Job Site: CHESWICK GENERATION STATION (FLY ASH SILO)  
151 PORTER ST  
SPRINGDALE BORO  
15144

Permit Fee: \$1,550.00

Issuance Date: 10/18/2022

Expiration Date:

3/30/2023

A handwritten signature in black ink, appearing to read "Joe Yakubisin".

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE GLASBESTOS <sup>(R)</sup>

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.



COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

**ACHD Division of Air Quality**  
**Asbestos Abatement Permit # PAA224251**

Contractor Name: ARC ABATEMENT INC

Job Site: CHESWICK GENERATION STATION - ADMIN/UNIT 1  
151 PORTER ST  
SPRINGDALE BORO  
15144

Permit Fee: \$1,850.00

Issuance Date: 5/31/2022

Expiration Date: 3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE PIPING, STEAM DRUM, VAT, MASTIC,  
STUCCO PLASTER, INSULATION, CONDENSER  
COATING AND GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.

WARREN brown

warrenbrown@arcabatement.com

Mike Radabaugh

mikeradabaugh@arcabatement.com

John Kling

johnkling@arcabatement.com



COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

**ACHD Division of Air Quality**  
**Asbestos Abatement Permit # PAA224250**

Contractor Name: ARC ABATEMENT INC

Job Site: CHESWICK GENERATION STATION  
CRUSHER HOUSE  
151 PORTER ST  
SPRINGDALE BORO  
15144

Permit Fee: \$1,850.00

Issuance Date: 5/31/2022

Expiration Date: 3/30/2023

A handwritten signature in black ink, appearing to read "Joe Yakubisin".

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE VAT, MASTIC AND GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.

COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

**ACHD Division of Air Quality**  
**Asbestos Abatement Permit # PAA224248**

Contractor Name: ARC ABATEMENT INC

Job Site: CHESWICK GENERATION STATION  
SCREEN HOUSE  
151 PORTER ST  
SPRINGDALE BORO  
15144

Permit Fee: \$1,850.00

Issuance Date: 5/31/2022

Expiration Date: 3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.



COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

**ACHD Division of Air Quality**  
**Asbestos Abatement Permit # PAA224246**

Contractor Name: ARC ABATEMENT INC

Job Site: CHESWICK GENERATION STATION  
COAL STACK TOWER  
151 PORTER ST  
SPRINGDALE BORO  
15144

Permit Fee: \$1,250.00

Issuance Date: 5/31/2022

Expiration Date: 3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately frarned or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.

# Miscellaneous



Remo to contractor to  
update is weekly  
So we can update ~~them~~ <sup>senior</sup>  
senior.

Active Director.

---

Overlooked. go through GARD.

Sam Miller  
Charah  
Superintendent

502-377-5787



**Mid-Atlantic  
Environmental  
Consultants**

**Michael A. Pirro**  
Asbestos/Lead Inspector  
NIOSH Certified Analyst

5320 North Pioneer Road  
Gibsonia, PA 15044  
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A Veteran Owned &  
Operated Company



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Rail Betawcount

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raulbetawcount@arcabatement.com