



2699 East CR 50 Tiffin. OH 44883  
Tiffin Office: 419-618-3072 Fax: 419-443-0539  
Huntsville Office: 937-539-0094 Fax 937-843-3079  
hhenvironmental@yahoo.com



## **Asbestos Survey**

**508 W. Columbus Ave.**

**Bellefontaine, OH 43311**

**LUC Regional Planning Commission**



2699 East CR 50 Tiffin. OH 44883  
Tiffin Office: 419-618-3072 Fax: 419-443-0539  
Huntsville Office: 937-539-0094 Fax 937-843-3079  
hhenvironmental@yahoo.com

LUC Regional Planning Commission

11-7-23

10820 SR 347

East Liberty, OH 43319

Phone: 937-666-3431

Email: heathermartin@lucplanning.com

Asbestos Survey: 508 W. Columbus Ave. Bellefontaine, OH 43311

Heather,

H&H Environmental, LLC. has completed an inspection for asbestos-containing materials (ACM) at 508 W. Columbus Ave. Bellefontaine, OH 43311. This inspection was performed by Tyler Rister (Certification # 35958) and Jace Hurt (Certification #36450) on November 1<sup>st</sup> in Bellefontaine, OH. Tyler Rister and Jace Hurt maintain a current Ohio EPA Asbestos Inspector Certification. Proof of this certification is attached.

Enclosed:

1. Asbestos Survey Cover
2. Asbestos Survey Letter
3. Purpose and Procedure
4. ACM Summary and Notice
5. Sample Chain-of-custody
6. Sample Site Pictures
7. Laboratory Analysis Report (and point-count analysis if applicable)
8. Asbestos Inspector Certifications

**Purpose of Inspection:**

The ACM inspection was conducted in accordance and observation of EPA NESHAP and OSHA regulations pertaining to the demolition/renovation of regulated structures. This inspection included all applicable and accessible areas of the structure.

**Procedure:**

The inspection, conducted on 11-1-23, was completed utilizing applicable Federal and Ohio State regulations pertaining to asbestos: Federal OSHA (29 CFR 1910.1001 and 29 CFR 1926.1101), EPA (40 CFR Part 61), and TSCA Title II AHERA/ASHARA (40 CFR Part 763) Asbestos Regulations. The findings in this report are consistent with accepted principles and practice established and prescribed by the EPA and AHERA.

All accessible areas of the buildings in Bellefontaine, OH, were inspected physically, functional space by functional space, and homogeneous area by homogeneous area to determine the presence of asbestos-containing materials. Suspected asbestos-containing materials were grouped per homogeneous area. Suspect materials that may be present inside wall cavities, electrical wiring or which were otherwise inaccessible were not included in the scope of this inspection. Core samples of friable and non-friable suspect asbestos-containing materials were collected to be analyzed for asbestos content. Those materials considered to be non-suspect (concrete, wood, fiberglass, carpeting, metal, etc.) were not sampled for analysis. Each location for sample collection, chosen at random, were representative of the suspect materials. The bulk samples were placed in zip-lock bags, sealed, and labeled with an identifying code. The samples, along with the chain-of-custody, were then submitted to the laboratory, McCall and Spero Environmental, Inc., to be analyzed for asbestos content. A copy of the chain-of-custody is attached.

11 bulk samples of suspected ACM, were submitted to a laboratory for analysis using Polarized Light Microscopy. Laboratory results are attached.

**Analytical Results:**

<b>H&amp;H Sample # Lab Sample #</b>	<b>Homogenous Area</b>	<b>Layers</b>	<b>Description/ Sample Location</b>	<b>PLM Result</b>
508-01 PN23HHE.1-001	1	2	Drywall/joint-compound room 1 wall C	ND
508-02 PN23HHE.1-002	1	2	Drywall/joint-compound room 6 wall A	ND
508-03 PN23HHE.1-003	2	2	Plaster room 10 wall C	ND
508-04 PN23HHE.1-004	2	2	Plaster room 7 wall B	ND
508-05 PN23HHE.1-005	2	2	Plaster room 8 wall D	ND
508-06 PN23HHE.1-006	2	2	Plaster room 2 ceiling	ND
508-07 PN23HHE.1-007	2	2	Plaster room 3 wall D	ND
508-08 PN23HHE.1-008	3	1	Asphalt roofing outside room 2 debris	ND
508-09 PN23HHE.1-009	3	1	Asphalt roofing outside room 3 debris	ND
508-10 PN23HHE.1-010	4	1	Window glaze porch wall C	ND
508-11	4	1	Window glaze porch wall	ND

PN23HHE.1-011			D	
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### **Summary:**

Based the analysis of suspected ACM samples, none of the samples of homogenous areas were determined to be asbestos-containing.

The approximate total of asbestos-containing materials are as follows:

### **No Asbestos-containing Materials**

Among the material noted above, none of the material must be removed by a licensed asbestos abatement contractor prior to demolition or renovation where such renovation activities would impact this material.

\*Note: footage are approximate values and should be field verified prior to providing an abatement estimate.

Per Current Ohio regulations materials 1% (or below) are considered to be non-asbestos containing materials. However are still subject to OSHA regulations 29 CFR 1926.1101 in which wet methods, or wetting agents, to control employee exposures during asbestos handling, mixing, removal, cutting, application, and cleanup, except where employers demonstrate that the use of wet methods is infeasible due to for example, the creation of electrical hazards, equipment malfunction, and, in roofing, except as provide in paragraph (g)(8)(ii) of this section; and prompt clean-up and disposal of wastes and debris contaminated with asbestos in leak-tight containers except in roofing operations, where the procedures specified in paragraph (g)(8)(ii) of this section apply.

### **Notice:**

An Ohio EPA Notification of Demolition and Renovation form must be completed and submitted to the Ohio EPA at least ten working days prior to the commencement of any abatement or demolition activity. The amount, type and condition of the asbestos-containing materials found in this inspection, as well as the materials assumed to be asbestos-containing materials, must be noted on the form. The name and certification number of the asbestos inspector must be included.

If any additional materials are encountered in these locations, these materials should be left intact and undisturbed until they can be inspected and and sampled by a licensed Asbestos Abatement Evaluation Specialist. H&H Environmental would be happy to return to the site if additional suspect materials are encountered during demolition activity. The other option is to assume that the material is asbestos-containing and have it abated as such.

This report, and the supporting findings, data, conclusions, and recommendations represents H&H Environmental's efforts on behalf of the client. This report is not an asbestos abatement specification and shouldn't be used for specifying removal techniques or methods. The assessments, conclusions, results, and recommendations stated in this report are representative of the circumstances and conditions observed by the inspector at the date of the inspection. We cannot assume responsibility for any change in conditions or circumstances that occurred after inspection. The findings in this report, if implemented by the client, should not be construed as as an assurance or implied warranty for the continuing safety, performance, or cost-effectiveness of any equipment, system, product, procedure, facility, or policy recommended or discussed herein.

The recommendations in this report are based on the professional judgment of the inspector and the results of the samples collected an analyzed. H&H Environmental makes no warranty, expressed or implied, and accepts no liability for the presence or absence of asbestos or other hazardous materials in or on home products, materials, and areas. H&H Environmental assumes no responsibility for the cost of repairing, removing, or replacing any undiscovered or unreported condition or defect, or any future condition or defect.

If you have any questions or concerns please feel free to contact H&H Environmental's Charles E. Hurt at 419-618-3072.

Thank you,

Tyler Rister

Certification #ES35958

H&H Environmental

Jace Hurt

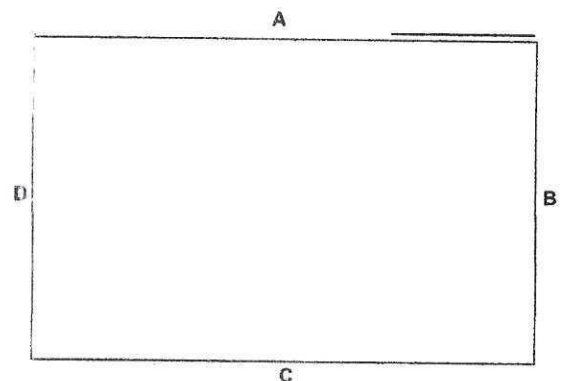
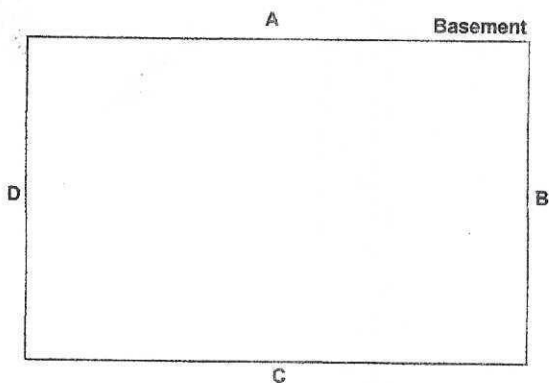
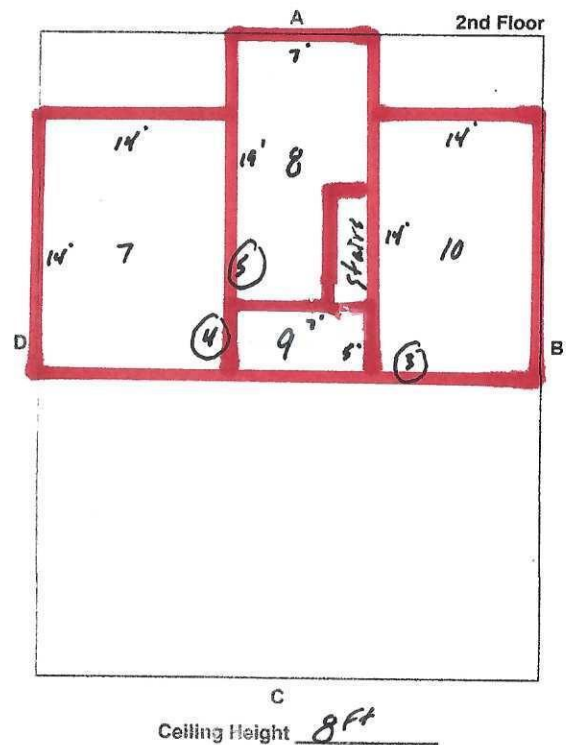
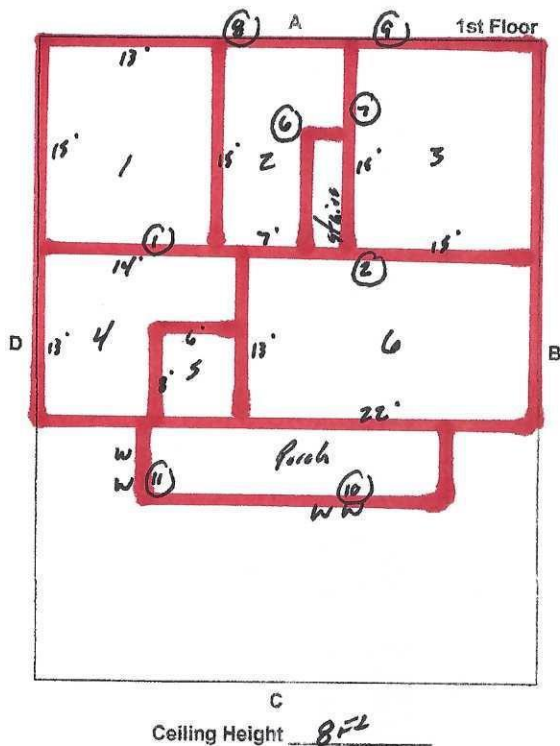
Certification#ES36450

H&H Environmental

Asbestos Inspection Work Sheet

Site 508 W Columbus Ave City Bellefontaine State OH Zip 43111

Renovation        Demolition ✓  
 Levels: 1        2 ✓ 3        Attic        Foundation: Slab        Crawl ✓ Basement         
 Exterior: Wood ✓ Vinyl        Aluminum        Asphalt        Transite        Brick        Block         
 Interior Walls: Drywall ✓ Plaster ✓ Paneling        Transite        Other         
 Windows: Wood ✓ Vinyl ✓ Metal        Other        Number 4  
 Flooring: Wood ✓ Concrete        9" Tile        12" Tile        Linoleum        Ceramic         
 Heating: FAF        Hot Water        Furnace Board        Duct Work        Seam Tape        Duct Boots         
 Roofing: Asphalt ✓ Metal        Transite        Build Up        Other       



Inspector Tyler Rister

Certification # ES35958

Date 11/1/20



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\* G = Good    F = Fair    P = Poor    FR = Friable    NF = Non Friable

Building Clean Out: Yes/ No

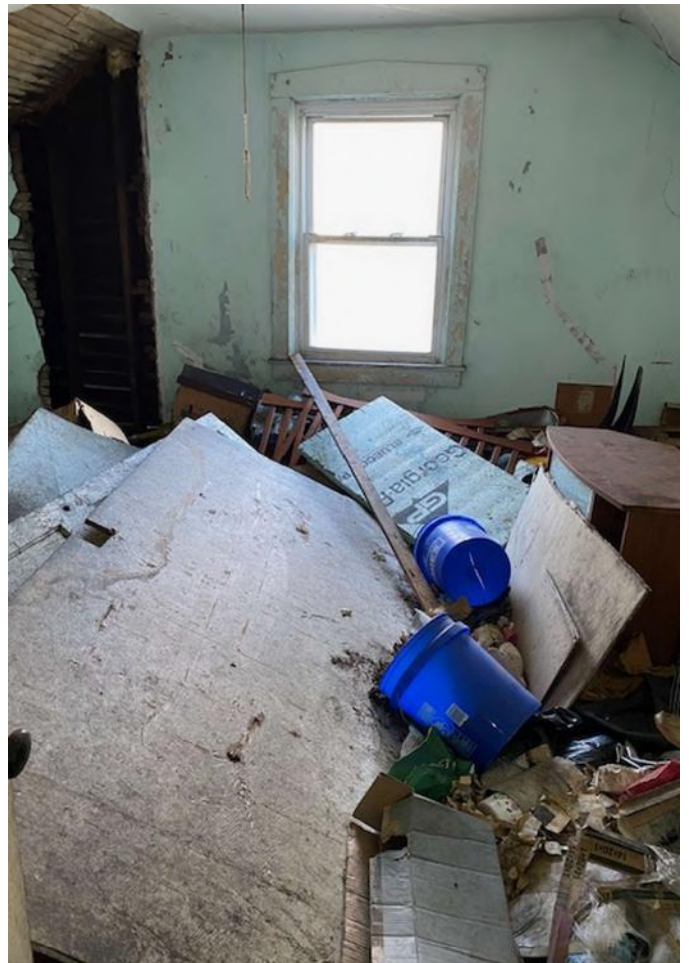
- \* 1 story house
- \* Wood exterior
- \* Asphalt Roofing
- \* House full of junk
- \* Vinyl Windows
- \* No suspect flooring
- \* Drywall
- \* Plaster
- \* No suspect heat (Wood stove / fire heat)
- \* Wood Windows back porch
- \* Shed / Storage No suspect

Date 11/1/21

























**McCall and Spero**  
**Environmental, Inc.**

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: November 2, 2023

Attention: Chuck Hurt  
H & H Environmental

Subject: Analysis of bulk samples for asbestos mineral fibers by Polarized Light  
Microscopy (PLM) with Dispersion Staining (EPA/600/R-93/116)

RE: MSE-PN23HHE.1  
508 W. Columbus Ave; Bellefontaine, OH 43311 Project

Dear Mr. Hurt:

McCall & Spero Environmental, Inc. has completed the analysis of the bulk samples we received from your offices on November 2, 2023. These samples represent the bulk samples from the 508 W. Columbus Ave; Bellefontaine, OH 43311 Project.

The PLM bulk analysis was performed according to the "Method of the Determination of Asbestos in Bulk Building Materials", R. L. Perkins and B. W. Harvey (EPA/600/R-93/116).

The results for the eighteen (18) samples are summarized in the following report. Please note that for samples consisting of two or more distinct components, each component is analyzed and reported individually (EPA 40 CFR Part 61 [FRL-4821-71]).

Thank you for consulting McCall & Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

Kevin R. Bean, B.A.  
PLM Laboratory Director

## SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 1

Project Name: 508 W. Columbus Ave; Bellefontaine, OH 43311 Project  
McCall & Spero Environmental Project No. MSE-PN23HHE.1

MSE # PN23HHE.1	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001 (A)	508-01 (A) Drywall	ND	Cellulose / 10%	90%	White
001 (B)	508-01 (B) Compound	ND	Cellulose / 5%	95%	White
002 (A)	508-02 (A) Drywall	ND	Cellulose / 10%	90%	White
002 (B)	508-02 (B) Compound	ND	Cellulose / 5%	95%	White
003 (A)	508-03 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Beige
003 (B)	508-03 (B) Skim Coat	ND**	Cellulose / 2%	98%	Blue/White
004 (A)	508-04 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Beige
004 (B)	508-04 (B) Skim Coat	ND**	Cellulose / 2%	98%	Blue/White
005 (A)	508-05 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Beige
005 (B)	508-05 (B) Skim Coat	ND**	Cellulose / 2%	98%	Blue/White
006 (A)	508-06 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Beige
006 (B)	508-06 (B) Skim Coat	ND**	Cellulose / 2%	98%	Blue/White
007 (A)	508-07 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Beige
007 (B)	508-07 (B) Skim Coat	ND**	Cellulose / 2%	98%	Blue/White
008	508-08 Asphalt Roofing	ND**	Cellulose / 10% Glass / 20%	70%	Black

McCall & Spero Environmental, Inc.



## SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

MSE # PN23HHE.1	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
009	508-09 Asphalt Roofing	ND**	Cellulose / 10% Glass / 20%	70%	Black
010	508-10 Window Glaze	ND**	Cellulose / 7%	93%	White
011	508-11 Window Glaze	ND**	Cellulose / 7%	93%	White

### NOTES:

ND = None Detected

CH = Chrysotile

A = Amosite

AC = Actinolite

CR = Crocidolite

AN = Anthophyllite

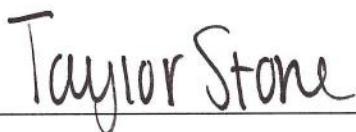
TR = Tremolite

For samples consisting of separate components, each component is analyzed and reported separately.

Results apply only to items tested. Quantification is accurate to within  $\pm 10\%$ . Results from this report must not be reproduced, except in full, with the approval of McCall & Spero Environmental, Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

\*\* EPA recommends that bulk materials found negative for asbestos or less than one percent asbestos by polarized light microscopy that fall into one of five dominantly nonfriable categories be reanalyzed by an additional method, such as transmission electron microscopy. (EPA Notice of Advisory, FR Vol. 59, No. 146 & Test Method EPA 600/ R-93/ 116).

Analyst: Taylor B. Parmly Stone



McCall & Spero Environmental, Inc.

## **BULK SAMPLE CHAIN OF CUSTODY FORM**

Company: H&H Environmental Telephone # 419-618-3072 Fax #: 419-443-0539  
Contact: Chuck Hurt Client Project Number: \_\_\_\_\_  
Relinquished by: Tyler Rister Date: 11/1/23 Time: 8:00  
Written Report To: Ike Hurt  
Project Name: 508 W Columbus Ave Ballwin MO 63011  
Turn-Around (Circle One): Same Day 24 Hour 2-3 Day 4-5 Day Weekend Rush After Hour Rush  
Analysis Requested (Circle One): PLM Bulk Analysis TEM Qualitative Analysis TEM Quantitative Analysis (4-5 Day)

**For Laboratory Use Only**

MSE Project # PN23HMEI Method: EPA/600/R-93/116  
Samples Received by: TBS Date: 11/2/23 Time: 930AM

[illegible]





**TRAINING SERVICES INTERNATIONAL**

## Asbestos Building Inspector Refresher

### Certificate

This is to certify

**Tyler Rister**

**XXX-XX-1478**



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Building Inspector Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.  
Cleveland, OH 44095  
www.TSitraining.com

Course Certificate No. **22 TSI 418145 it**





## TRAINING SERVICES INTERNATIONAL

### Asbestos Management Planner Refresher

#### Certificate


This is to certify

**Tyler Rister**

**XXX-XX-1478**



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Management Planner Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.  
Cleveland, OH 44095  
www.TSitraining.com

Course Certificate No. **22 TSI 418151 mpr**





## TRAINING SERVICES INTERNATIONAL

### Asbestos Contractor Supervisor Refresher

#### Certificate


This is to certify

**Tyler Rister**

XXXX-XX-1478



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Contractor Supervisor Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act, State of Indiana requirements under 326 IAC 18-2, Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/29/23	11/29/22	11/29/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.  
Cleveland, OH 44095  
www.TSitraining.com

Course Certificate No.

**22 TSI 418032 csr**





**TRAINING SERVICES INTERNATIONAL**

## Asbestos Building Inspector Refresher

### Certificate


This is to certify

**Jace Hurt**

**XXX-XX-0133**



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Building Inspector Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.  
Cleveland, OH 44095  
www.TSItraining.com

Course Certificate No.

**22 TSI 418147 ir**



## TRAINING SERVICES INTERNATIONAL

### Asbestos Management Planner Refresher

#### Certificate


This is to certify

**Jace Hurt**

XXXX-XX-0133



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Management Planner Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.  
Cleveland, OH 44095  
www.TSItraining.com

Course Certificate No.

**22 TSI 418153 mpr**





**TRAINING SERVICES INTERNATIONAL**

## Asbestos Contractor Supervisor Refresher

### Certificate

This is to certify

**Jace Hurt**

**XXXX-XX-0133**



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Contractor Supervisor Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act, State of Indiana requirements under 326 IAC 18-2, Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.



**11/29/23**

Training Manager

Expiration Date

**11/29/22**

Date(s) of Course

**11/29/2022**

Examination Date

**Columbus, OH**

Course Location

33150 Lakeland Blvd.  
Cleveland, OH 44095  
www.TSItraining.com

Course Certificate No.

**22 TSI 418034 csr**