

H & H
ENVIRONMENTAL

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

11047 Co. Rd. 2; West Mansfield, OH 43358

LUC Regional Planning Commission



2699 East CR 50 Tiffin, OH 44883
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LUC Regional Planning Commision

10/31/23

10820 SR 347

East Liberty, OH 43319

Phone:937-666-3431

Email: heathermartin@lucplanning.com

Heather Martin

Asbestos survey: 11047 Co. Rd. 2; West Mansfield, OH 43358

Heather,

H&H Environmental, LLC. has completed an inspection for asbestos-containing materials (ACM) at 11047 Co. Rd. 2; West Mansfield, OH 43358. This inspection was performed by Tyler Rister (Certification # 35958) and Jace Hurt (Certification # 36450) on October 26th, 2023 in West Mansfield, OH. Tyler Rister and Jace Hurt maintain a current Ohio EPA Asbestos Inspector Certifications. Proof of these certifications are 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 10-26-2023, 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 building in West Mansfield, 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.

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

Analytical Results:

H&H Sample # Lab Sample #	Homogenous Area	Layers	Description/ Sample Location	PLM Result
11047-01 PO263HHE.2-01	1	1	Transite Panels Rm.9 (Stacked against Wall A)	15% Chrysotile
11047-02 PO263HHE.2-02	2	2	Drywall/Compound Rm.7 ceiling	ND
11047-03 PO263HHE.2-03	2	2	Drywall/Compound Rm.3 Wall C	ND
11047-04 PO263HHE.2-04	3	2	Linoleum (Brown) Rm.1 near Wall B	ND
11047-05 PO263HHE.2-05	3	2	Linoleum (Brown) Rm.1 near Wall C	ND
11047-06 PO263HHE.2-06	4	1	Transite Siding on Shed out back Wall B	15% Chrysotile
11047-07 PO263HHE.2-07	5	1	Window Glaze on Shed out back Wall C	ND
11047-08 PO263HHE.2-08	5	1	Window Glaze on Shed out back Wall C	ND

Summary:

Based the analysis of suspected ACM samples, a number of the samples of homogenous areas were determined to be asbestos-containing.

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

Transite Siding (Shed)	550 Sq.ft.
Transite Panels Rm.9 (Stacked against Wall)	27 Sq.ft.

Among the material noted above, the **Transite siding and Transite Panel** material must be removed by a licensed asbestos abatement contractor prior to renovation or demolition if it would impact this material.

Under current Ohio standards materials containing less than 1% are not “asbestos containing material”. However, this material is still regulated under OSHA and must adhere to wet handling, prompt cleanup, disposal requirements set forth by 29 CFR 1926 as applies to demolition operations involving materials containing less than 1% asbestos.

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



AHES # ES 35958

H&H Environmental

Jace Hurt



AHES # ES 36450

H&H Environmental

Site 11047 C. Rd. 2 City West Mansfield State OH Zip 43358

HA #	Material	Room Location	Color	Condition	Quantity
#1	Transite Panels (stacked against Pool)	9	Gray	G	27 SF
#2	Drywall/Compound	3,7	N/A	F	1,486 SF
#3	Limestone	1	Brown	G	286 SF
#4	Transite Siding	Shed	White	GF	550 SF
#5	Window Casings (Wood)	Shed (Wall 6)	White/Brown	F	1 window
* Flooring was removed for demo					

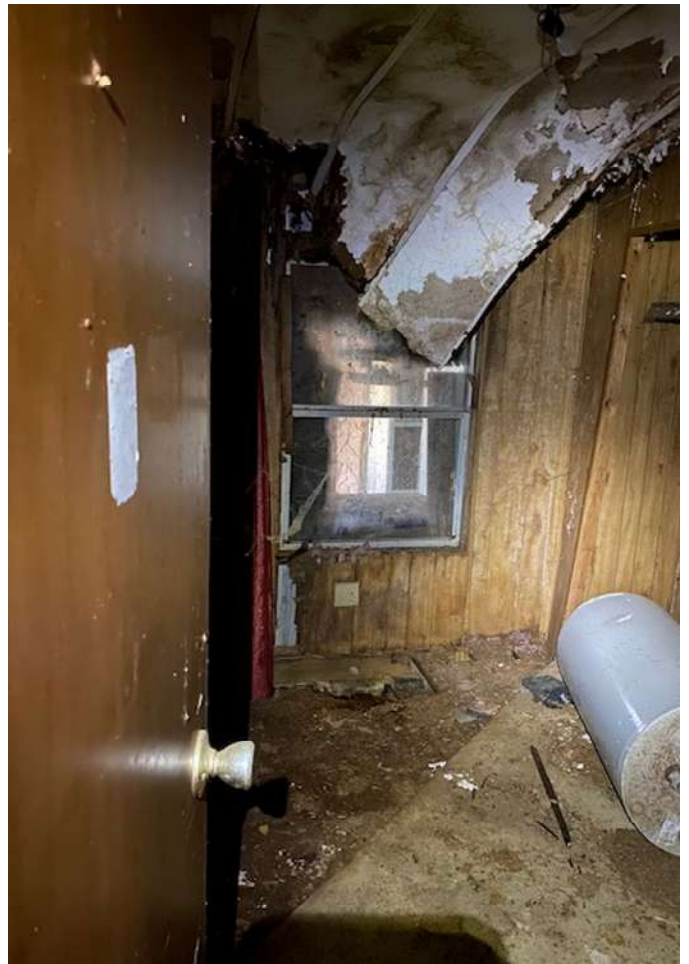
* G = Good F = Fair P = Poor FR = Friable NF = Non Friable

Notes: Building Clean Out: Yes / No

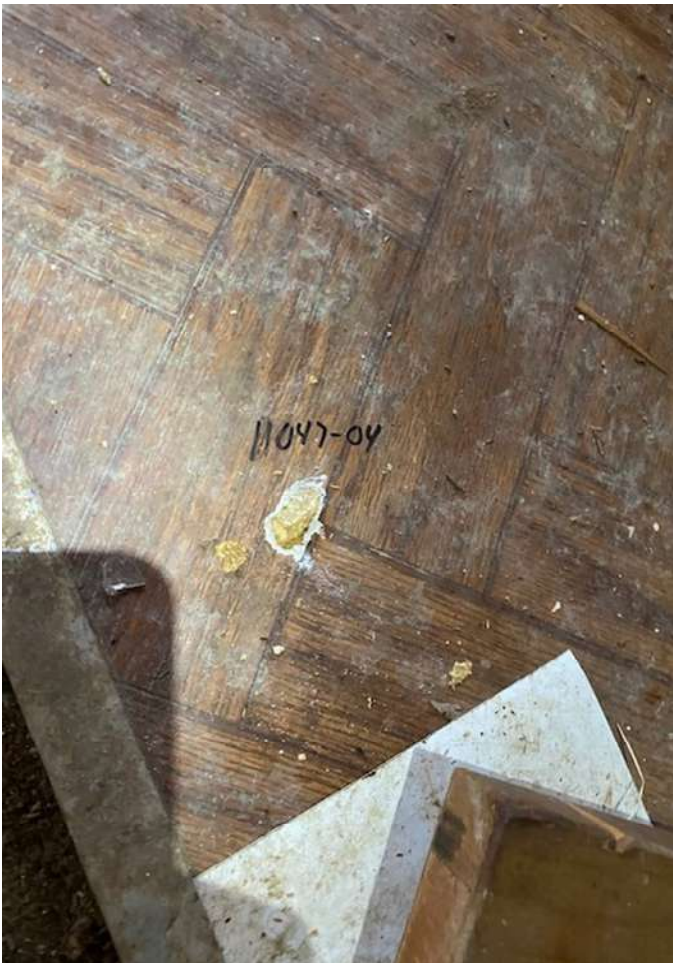
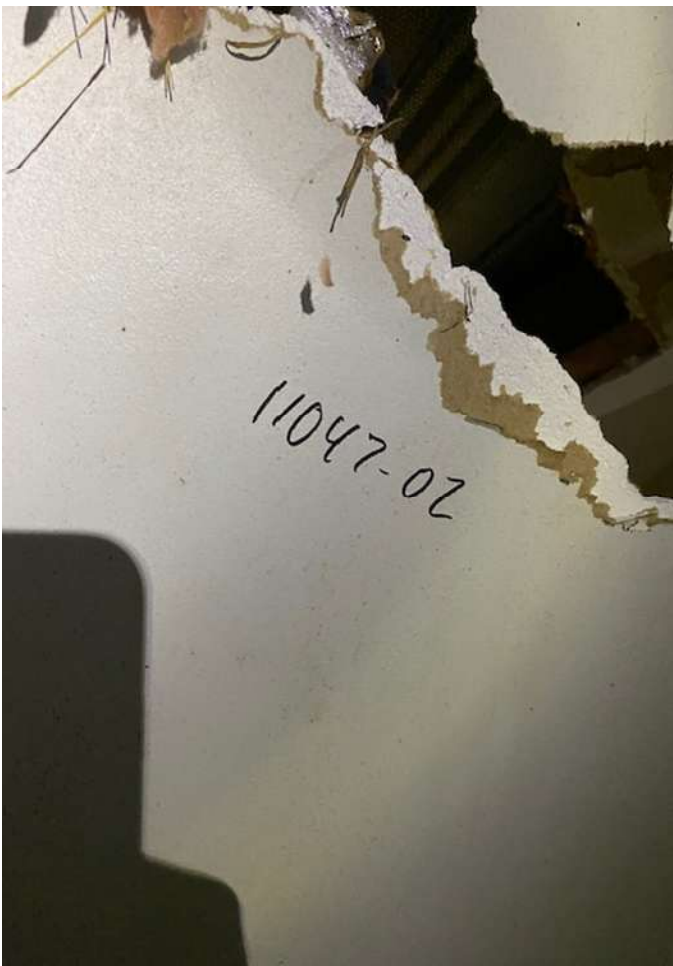
- * 1 story house/trailer * Metal/Vinyl Siding * Metal Roofing (No suspect)
- * floors have holes and weak * Roof leaks * Drywall
- * Limestone * Transite panels stacked in room 9 well # (Garage)
- * Most walls/ceiling are wood fiber and wood paneling
- * Crawls (No suspect) * No suspect on furnace
- * Vinyl/Wood/Metal windows (All No suspect) * room 2,7 flooring No suspect
- * Shed has transite siding, wood window, slate roofing

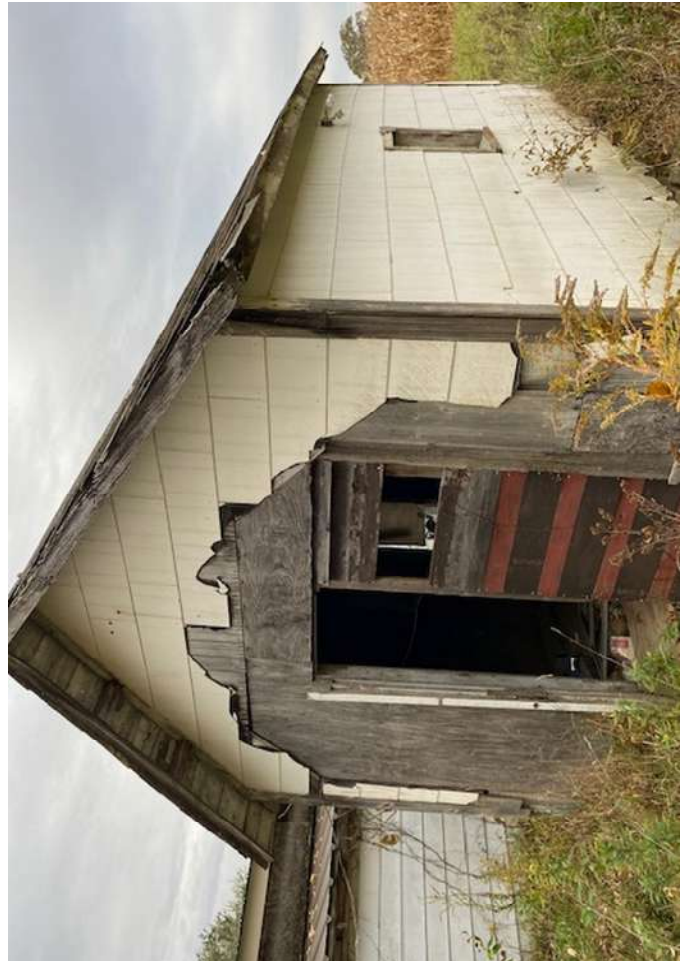
Inspector Tyler Rister Certification # ES35958 Date 10/25/28















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 • Website: www.mselabs.com

Date: October 26, 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-PO263HHE.2
11047 Co. Rd. 2; West Mansfield, OH 43358 Project

Dear Mr. Hurt:

McCall & Spero Environmental, Inc. has completed the analysis of the bulk samples we received from your offices on October 26, 2023. These samples represent the bulk samples from the 11047 Co. Rd. 2; West Mansfield, OH 43358 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 twelve (12) 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: 11047 Co. Rd. 2; West Mansfield, OH 43358 Project
McCall & Spero Environmental Project No. MSE-PO263HHE.2

MSE # PO263HHE.2	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001	11047-01 Transite Panel	CH / 15%	ND	85%	Gray
002 (A)	11047-02 (A) Drywall	ND	Cellulose / 15%	85%	White
002 (B)	11047-02 (B) Joint Compound	ND	Cellulose / 3%	97%	White
003 (A)	11047-03 (A) Drywall	ND	Cellulose / 15%	85%	White
003 (B)	11047-03 (B) Joint Compound	ND	Cellulose / 3%	97%	White
004 (A)	11047-04 (A) Linoleum	ND	Cellulose / 30%	70%	Brown
004 (B)	11047-04 (B) Mastic	ND**	Cellulose / 5%	95%	Tan
005 (A)	11047-05 (A) Linoleum	ND	Cellulose / 30%	70%	Brown
005 (B)	11047-05 (B) Mastic	ND**	Cellulose / 5%	95%	Tan
006	11047-06 Transite Siding	CH / 15%	ND	85%	Gray
007	11047-07 Window Glaze	ND**	Cellulose / 2%	98%	Gray
008	11047-08 Window Glaze	ND**	Cellulose / 2%	98%	Gray

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

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: Kevin R. Bean, B.A. 



TRAINING SERVICES INTERNATIONAL

Asbestos Building Inspector 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 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

XXXX-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

XXXX-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



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	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
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Course Certificate No. **22 TSI 418153 mpr**



TRAINING SERVICES INTERNATIONAL

Asbestos Contractor Supervisor Refresher

Certificate

This is to certify

Jace Hurt

XXXX-XX-0133



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Training Manager

11/29/23

Expiration Date

11/29/22

Date(s) of Course

11/29/2022

Examination Date

Columbus, OH

Course Location

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Cleveland, OH 44095
www.TSItraining.com

Course Certificate No.

22 TSI 418034 CSR