



***ACM ENGINEERING & ENVIRONMENTAL SERVICES***

---

*SOUTH BEND, INDIANA • FORT WAYNE, INDIANA • ELMHURST, ILLINOIS  
TAMPA, FLORIDA • FORT LAUDERDALE, FLORIDA*

***PRE-DEMOLITION SUSPECT ASBESTOS CONTAINING  
BUILDING MATERIAL SURVEY REPORT***

***FOR:***

*DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT  
3326 COUNTY ROAD 427  
WATERLOO, INDIANA 46793*

***SURVEY LOCATION:***

*RESIDENTIAL STRUCTURE WITH DETACHED GARAGE  
332 13<sup>TH</sup> STREET  
AUBURN, INDIANA 46706*

***DATE:***

*SEPTEMBER 18, 2017*

***REPORT PREPARED BY:***

*ACM ENGINEERING & ENVIRONMENTAL SERVICES, INC.  
839 MILL LAKE ROAD, SUITE 400  
FORT WAYNE, INDIANA 46845  
260-483-9795*

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**SECTION I:**

***EXECUTIVE SUMMARY***



## ***ACM ENGINEERING & ENVIRONMENTAL SERVICES***

**SOUTH BEND, INDIANA • FORT WAYNE, INDIANA • ELMHURST, ILLINOIS  
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### ***EXECUTIVE SUMMARY***

#### **PRE-DEMOLITION SUSPECT ASBESTOS CONTAINING BUILDING MATERIAL SURVEY**

***FOR:***

**DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT  
3326 COUNTY ROAD 427  
WATERLOO, INDIANA 46793**

***SURVEY LOCATION:***

**RESIDENTIAL STRUCTURE WITH DETACHED GARAGE  
332 13<sup>TH</sup> STREET  
AUBURN, INDIANA 46706**

***DATE:***

**SEPTEMBER 18, 2017**

On September 5, 2017 ACM Engineering and Environmental Services, Inc. (ACM) performed a pre-demolition suspect asbestos containing building material survey at the residential structure with detached garage located at 332 13<sup>th</sup> Street, Auburn, Indiana 46706 for the purpose of planned demolition. The residential structure is a two story wood and wood frame structure on a full basement. The detached garage is a wood and wood frame structure on slab.

ACM's Indiana Department of Environmental Management (IDEM) licensed asbestos inspector collected a total of fifty-six (56) suspect asbestos bulk samples of a total of thirty-six (36) different suspect homogeneous materials. All suspect asbestos bulk samples collected on this project were analyzed for asbestos content in our in-house NVLAP approved laboratory in accordance with the U.S. Environmental Protection Agency (USEPA) "Method for the Determination of Asbestos in Bulk Building Materials," EPA/600/R-93/116.

The following is a summary of regulated asbestos containing building materials (RACM) and Category I or Category II non-friable asbestos containing materials, which will become friable and regulated during demolition activities and must be removed by a State of Indiana licensed asbestos abatement contractor prior to demolition.

1) **Duct seam tape (Sample 332-01):**

The estimated 3 linear feet of asbestos containing duct seam tape is located in the basement of the residential structure.

2) **Exterior window glazing (Sample 332-25):**

The estimated 12 multi-size window systems with the asbestos containing exterior window glazing are located on the exterior parameter of the residential structure. Removal is recommended due to the deteriorated condition of the material.

The following is a summary of Category I and Category II non-friable asbestos containing materials which can remain in place during demolition activities if the condition of the material remains non-friable. All waste generated must be disposed of in a State of Indiana sanitary landfill. Any operations which sand, saw, abrade, crumble, pulverize, or reduce the material to a powder (i.e. materials reduction or recycling) will render the material friable and regulated, at which time, removal in compliance with the EPA-NESHAP regulatory standard by a State of Indiana licensed asbestos abatement contractor will be required prior to demolition.

1) **Yellow stone pattern linoleum (Sample 332-06):**

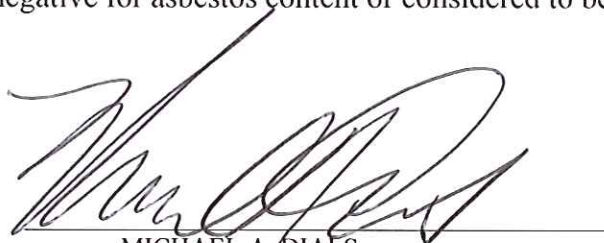
The estimated 220 square feet of asbestos containing yellow stone pattern linoleum is located in the back door entry foyer and under the existing non-asbestos wood grain design linoleum in the kitchen of the residential structure.

2) **Gray interior window caulk (Sample 332-21):**

The estimated 8 linear feet of asbestos containing gray interior window caulk is located on the window at the bottom of the first floor stairwell off of the living room of the residential structure.

See the Bulk Sample Summary and Locations data sheets located in Section II of this report for the locations of all samples collected and building materials which were sampled and tested negative for asbestos content or considered to be not suspect.

INSPECTOR:



MICHAEL A. DIALS  
IDEM #193210125  
Exp. 02/23/2018

**SECTION II:**

***BULK SAMPLE SUMMARY AND  
LOCATIONS DATA SHEETS***

# BULK SAMPLE SUMMARY AND LOCATIONS

CLIENT: DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT  
 3326 COUNTY ROAD 427  
 WATERLOO, INDIANA 46793

LOCATION: RESIDENTIAL STRUCTURE  
 332 13<sup>TH</sup> STREET  
 AUBURN, INDIANA 46706

DATE: SEPTEMBER 5, 2017

BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 - 01	BASEMENT	DUCT SEAM TAPE	43% CHRYSOTILE	REGULATED FRIABLE
332 - 02	BASEMENT	BOILER FLUE PACKING	NONE DETECTED	N/A
332 - 03	BASEMENT	HOT WATER HEATER FLUE PACKING	NONE DETECTED	N/A
332 - 04A	BASEMENT	TROWELED-ON WALL PLASTER	NONE DETECTED	N/A
332 - 04B	BASEMENT	TROWELED-ON WALL PLASTER	NONE DETECTED	N/A
332 - 04C	BASEMENT	TROWELED-ON WALL PLASTER	NONE DETECTED	N/A
332 - 05	BASEMENT	BLACK TAR ON BOILER SECTIONAL PLATES	NONE DETECTED	N/A
332 - 06	1 <sup>ST</sup> FLOOR BACK DOOR ENTRY FOYER	YELLOW STONE PATTERN LINOLEUM	20% CHRYSOTILE	CATEGORY I NON-FRIABLE

Inspector: Michael A. Dials  
 Inspector: Casey Micinski

IDEM Inspector #: 193210125  
 IDEM Inspector #: 192907077

Expiration: 2/23/18  
 Expiration: 8/19/18

# BULK SAMPLE SUMMARY AND LOCATIONS

CLIENT: DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT  
 3326 COUNTY ROAD 427  
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LOCATION: RESIDENTIAL STRUCTURE  
 332 13<sup>TH</sup> STREET  
 AUBURN, INDIANA 46706

DATE: SEPTEMBER 5, 2017

BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 - 07	1 <sup>ST</sup> FLOOR BACK DOOR ENTRY FOYER	9X9 BROWN FELT BACKED FLOOR TILE	NONE DETECTED	N/A
332 - 08	1 <sup>ST</sup> FLOOR KITCHEN	WOOD GRAIN DESIGN LINOLEUM	NONE DETECTED	N/A
332 - 09	1 <sup>ST</sup> FLOOR BATHROOM	12X12 BROWN AND TAN SQUARE AND DIAMOND PATTERN SELF-ADHESIVE FLOOR TILE	NONE DETECTED	N/A
332 - 10	1 <sup>ST</sup> FLOOR BATHROOM	12X12 GRAY SQUARE PATTERN SELF- ADHESIVE FLOOR TILE	NONE DETECTED	N/A
332 - 11	1 <sup>ST</sup> FLOOR BATHROOM	6"X6" CERAMIC WALL TILE, GROUT, AND ADHESIVE	NONE DETECTED	N/A
332 - 12	1 <sup>ST</sup> FLOOR BATHROOM	WHITE SHOWER SURROUND CAULK	NONE DETECTED	N/A
332 - 13	1 <sup>ST</sup> FLOOR KITCHEN	GRAY ANTI-SWEAT SINK COATING	NONE DETECTED	N/A

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 Inspector: Casey Micinski

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DATE: SEPTEMBER 5, 2017

BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 – 14	1 <sup>ST</sup> FLOOR KITCHEN	4 INCH BLACK COVE BASE WITH BROWN ADHESIVE	NONE DETECTED	N/A
332 – 15	1 <sup>ST</sup> FLOOR STAIRWELL TO SECOND FLOOR	RED TILE UNDER CARPET ON STAIRS	NONE DETECTED	N/A
332 – 16A	1 <sup>ST</sup> FLOOR LIVING ROOM	ROUGH UN-UNIFORM CEILING TEXTURE	NONE DETECTED	N/A
332 – 16B	1 <sup>ST</sup> FLOOR LIVING ROOM	ROUGH UN-UNIFORM CEILING TEXTURE	NONE DETECTED	N/A
332 – 16C	1 <sup>ST</sup> FLOOR LIVING ROOM	ROUGH UN-UNIFORM CEILING TEXTURE	NONE DETECTED	N/A
332 – 17A	1 <sup>ST</sup> FLOOR NORTHWEST CORNER BEDROOM	PULLED SPONGE CEILING TEXTURE	NONE DETECTED	N/A
332 – 17B	1 <sup>ST</sup> FLOOR NORTHWEST CORNER BEDROOM	PULLED SPONGE CEILING TEXTURE	NONE DETECTED	N/A

Inspector: Michael A. Dials  
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SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 – 17C	1 <sup>ST</sup> FLOOR NORTHWEST CORNER BEDROOM	PULLED SPONGE CEILING TEXTURE	NONE DETECTED	N/A
332 – 18A	1 <sup>ST</sup> FLOOR KITCHEN	SWIRL PATTERN CEILING TEXTURE	NONE DETECTED	N/A
332 – 18B	1 <sup>ST</sup> FLOOR KITCHEN	SWIRL PATTERN CEILING TEXTURE	NONE DETECTED	N/A
332 – 18C	1 <sup>ST</sup> FLOOR KITCHEN	SWIRL PATTERN CEILING TEXTURE	NONE DETECTED	N/A
332 – 19A	1 <sup>ST</sup> FLOOR BATHROOM CEILING	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
332 – 19B	1 <sup>ST</sup> FLOOR BACK DOOR ENTRY FOYER WEST WALL	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
332 – 19C	1 <sup>ST</sup> FLOOR DINING ROOM CEILING	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A

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BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 – 19D	1 <sup>ST</sup> FLOOR LIVING ROOM WALL	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
332 – 19E	2 <sup>ND</sup> FLOOR SOUTH BEDROOM CEILING	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
332 – 19F	2 <sup>ND</sup> FLOOR NORTH BEDROOM WALL	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
332 – 19G	2 <sup>ND</sup> FLOOR BEDROOM CEILING	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
332 – 20A	1 <sup>ST</sup> FLOOR NORTHWEST CORNER BEDROOM WEST WALL	DRYWALL WALL SYSTEMS, TAPE, AND COMPOUND	NONE DETECTED	N/A
332 – 20B	1 <sup>ST</sup> FLOOR NORTHWEST CORNER BEDROOM EAST WALL	DRYWALL WALL SYSTEMS, TAPE, AND COMPOUND	NONE DETECTED	N/A
332 – 20C	2 <sup>ND</sup> FLOOR EAST WALL OF BEDROOM CLOSET	DRYWALL WALL SYSTEMS, TAPE, AND COMPOUND	NONE DETECTED	N/A

Inspector: Michael A. Dials  
 Inspector: Casey Micinski

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BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 - 21	1 <sup>ST</sup> FLOOR STAIRWELL WINDOW	GRAY WINDOW CAULK	16% CHRYSOTILE	CATEGORY I NON-FRIABLE
332 - 22	LOWER SINGLE STORY ATTIC	BLOWN-IN ATTIC INSULATION	NONE DETECTED	N/A
332 - 23	TWO-STORY ATTIC	TAN FIBROUS BLOWN-IN ATTIC INSULATION	NONE DETECTED	N/A
332 - 24	EXTERIOR OF HOUSE	SILVER FOIL AND PAPER HOUSE WRAP	NONE DETECTED	N/A
332 - 25	EXTERIOR OF HOUSE	WINDOW GLAZING	3% CHRYSOTILE	CATEGORY I NON-FRIABLE
332 - 26	EXTERIOR OF HOUSE	WHITE WINDOW FRAME CAULK	NONE DETECTED	N/A
332 - 27A	EXTERIOR OF HOUSE	TEXTURE ON STONE FOUNDATION	NONE DETECTED	N/A

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SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 - 27B	EXTERIOR OF HOUSE	TEXTURE ON STONE FOUNDATION	NONE DETECTED	N/A
332 - 27C	EXTERIOR OF HOUSE	TEXTURE ON STONE FOUNDATION	NONE DETECTED	N/A
332 - 28	EXTERIOR OF HOUSE ROOF	ASPHALT BASED ROOF SHINGLE	NONE DETECTED	N/A
332 - 29	EXTERIOR OF HOUSE ROOF	FELT UNDER ROOF SHINGLE	NONE DETECTED	N/A
332 - 30	DETACHED GARAGE EXTERIOR	WHITE CAULK AROUND GLASS	NONE DETECTED	N/A
332 - 31	DETACHED GARAGE EXTERIOR	WHITE WINDOW FRAME CAULK	NONE DETECTED	N/A
332 - 32	DETACHED GARAGE EXTERIOR	WINDOW GLAZING	NONE DETECTED	N/A

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SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
332 - 33	DETACHED GARAGE ROOF	ASPHALT BASED ROOF SHINGLE	NONE DETECTED	N/A
332 - 34	DETACHED GARAGE ROOF	FELT UNDER ROOF SHINGLE	NONE DETECTED	N/A
332 - 35A	DETACHED GARAGE	CEILING PLASTER	NONE DETECTED	N/A
332 - 35B	DETACHED GARAGE	FELT UNDER ROOF SHINGLE	NONE DETECTED	N/A
332 - 35C	DETACHED GARAGE	WHITE CAULK AROUND GLASS	NONE DETECTED	N/A
332 - 36	DETACHED GARAGE	TROWELED-ON GRAY PLASTER ON CHIMNEY	NONE DETECTED	N/A

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 Inspector: Casey Micinski

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 IDEM Inspector #: 192907077

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**SECTION III:**

***ANALYSIS OF SUSPECT ASBESTOS  
CONTAINING BUILDING MATERIALS  
REPORT***



## ANALYSIS OF SUSPECT ASBESTOS CONTAINING BUILDING MATERIALS

**METHOD:**

All analyses and quantifications are performed in accordance with the U.S. Environmental Protection Agency's "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93/116 & EPA/600/M4-82/020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples." ACM Engineering & Environmental Services is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for the scope of accreditation under NVLAP lab code 101977-0. These methods utilize stereoscopic examination of bulk samples, as well as utilizing the polarized light microscope (PLM). To determine the refractive index, the central stop dispersion staining method is used, as well as matching with refractive index oil and using light matching the sodium D line wavelength. Identification of non-asbestos species is less rigorous, as they are of secondary interest.

Gross samples are examined under a 10X or 20X stereoscope where homogeneity (need for sub-samples), texture and/or any other distinguishing characteristics are determined. Any fibrous material is mounted in high dispersion oil for further microscope examination utilizing PLM. Any possible asbestos fibers are analyzed for morphology, color and pleochroism, index of refraction parallel and perpendicular to elongation, birefringence, extinction characteristic and sign of elongation, and any other distinguishing characteristics observed.

The percentage of asbestos and other fibrous materials are then determined according to sample area coverage and thickness. The limit of quantitation is one percent (1%). The above is recorded on the laboratory analysis sheet and maintained for three years. The error involved for reported percentages of fibrous is 100% error for 1% to 5%, 50% error for 5% to 20%, and 25% error for 20% to 100%. All percentages will be reported in a range indicating error or a single value, in which case the above error should be applied. When the value 1% or greater is reported this indicates asbestos is present in the sample.

**THE REPORT:**

The attached report quantifies the fibrous materials found in each sample submitted for analysis. A complete fibrous analysis of samples is given for each sample followed by a breakdown analysis of any sub-samples for heterogeneous material.

- *The first column* is the client sample number identification.
- *The second column* is the laboratory sample number. The laboratory number for the overall sample analysis is a digit number. The laboratory number followed by a letter designation (A,B,C. etc.) indicates a sub-sample analysis.
- *The third column* is the sample identification, which indicates whether the sample is homogeneous or heterogeneous, the color of the sample, and the physical description (cementitious, fibrous, cloth, etc.)
- *The fourth column* indicates the types and percentages of asbestos identified if any.
- *The fifth column* indicates the types and percentages of cellulose (CELL) non-asbestos identified.
- *The sixth column* indicates the types and percentages of non-fibrous, non-asbestos material (NON -FIB NON-ACBM ) identified.
- *The seventh column* indicates the types and percentages of fibrous non-asbestos material (FIB NON ACBM ) in the sample or sub-sample.

**SAMPLE RETENTION:**

Samples will be retained for 6 months unless otherwise instructed. After this period, the sample(s) will be disposed of appropriately. Upon written request, the samples will be returned by mail or delivery for a nominal fee to cover postage and handling. There would be no charge for samples picked-up at ACM Engineering & Environmental Services.

**DISCUSSION AND RECOMMENDATIONS:**

In order to reduce the risk of introducing asbestos fibers into the air, care should be taken not to disturb the asbestos containing building materials. If renovation, demolition or other activities might disturb known asbestos containing building materials, a reputable asbestos consultant should be contacted to help effectively design and implement an asbestos management program.

**COMPONENTS DESCRIPTION:**

**ASBESTOS MATERIALS**

A = Amosite  
AC = Actinolite  
AN = Anthophyllite  
C = Chrysotile  
CR = Crocidolite  
T = Tremolite  
---- = No Asbestos Detected

**NON-ASBESTOS MATERIALS**

CF = Ceramic Fibers    N = Nylon  
CO = Cotton            O = Other  
G = Fibrous Glass     S = Synthetics  
H = Hair                V = Vermiculite  
M = Mineral Wool

NOTE: ACM Engineering & Environmental Services does not deviate from the test method described in this report. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items above. This report must not be reproduced, except in full, without the written consent of ACM Engineering & Environmental Services.





CLIENT: Dekalb County Central United School District 3326 County Road 427 Walterloo, IN 46793

ANALYSIS METHODS: EPA/600/R-93-116 & EPA/600/M4-82-020 NVLAP LAB CODE: 101977-0 MATRIX: Bulk

LOCATION: Residential Structure 332 13th Street Auburn, IN 46706

Sample Date: 9/5/17 Analysis Date: 9/6/17 ACM PROJECT #: 27291

Table with 7 columns: CLIENT SAMPLE #, LAB SAMPLE #, SAMPLE IDENTIFICATION, ASBEST, CELL, NON FIB NON ACBM, FIB NON ACBM. Rows include sample IDs 332-01 through 332-19A with corresponding identification and analysis results.

ACM RECOMMENDS POINT COUNTING ANALYSIS ON ALL BULK SAMPLES WITH LESS THAN 10% (<10%) ASBESTOS CONTENT.

Microscopist:

[Handwritten signature]

Title: Laboratory Director

Date: 9/6/17



CLIENT: Dekalb County Central United School District 3326 County Road 427 Walterloo, IN 46793

ANALYSIS METHODS: EPA/600/R-93-116 & EPA/600/M4-82-020 NVLAP LAB CODE: 101977-0 MATRIX: Bulk

LOCATION: Residential Structure 332 13th Street Auburn, IN 46706

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Table with 7 columns: CLIENT SAMPLE #, LAB SAMPLE #, SAMPLE IDENTIFICATION, ASBEST, CELL, NON FIB NON ACBM, FIB NON ACBM. Rows include samples 332-19B through 332-36.

ACM RECOMMENDS POINT COUNTING ANALYSIS ON ALL BULK SAMPLES WITH LESS THAN 10% (<10%) ASBESTOS CONTENT.

Microscopist:

[Handwritten signature]

Title: Laboratory Director

Date: 9/6/17

27291

ACM ENGINEERING & ENVIRONMENTAL SERVICES INC.  
839 MILL LAKE ROAD, SUITE 400  
FORT WAYNE, INDIANA 46845  
PHONE (260) 483-9795

LABORATORY CHAIN OF CUSTODY DOCUMENT

CLIENT NAME DeKalb County Central United School District		REPORT TO Mike Diels	PHONE 260-483-9795	EMAIL mdiels@gannett.com	SAMPLED BY M. Diels, C. Menisk																																																				
ADDRESS 3326 County Road 487			PROJECT NAME & LOCATION Residential Structure 332 13th Street Auburn, Indiana 46706																																																						
CITY Waterloo	STATE Indiana	ZIP 46795	DATE COLLECTED 9/5/17	SAMPLE TYPE Bulk	REQUESTED ANALYSIS Asbestos by PVM																																																				
<table border="1"> <thead> <tr> <th>SAMPLE IDENTIFICATION</th> <th>DATE COLLECTED</th> <th>SAMPLE TYPE BULK/AIR/WIPE</th> <th>REQUESTED ANALYSIS</th> </tr> </thead> <tbody> <tr><td>332-01</td><td>332-13</td><td>332-25</td><td></td></tr> <tr><td>332-02</td><td>332-14</td><td>332-26</td><td></td></tr> <tr><td>332-03</td><td>332-15</td><td>332-27A,B,C</td><td></td></tr> <tr><td>332-04A,B,C</td><td>332-16A,B,C</td><td>332-28</td><td></td></tr> <tr><td>332-05</td><td>332-17A,B,C</td><td>332-29</td><td></td></tr> <tr><td>332-06</td><td>332-18A,B,C</td><td>332-30</td><td></td></tr> <tr><td>332-07</td><td>332-19A,B,C,D,E,F,G</td><td>332-31</td><td></td></tr> <tr><td>332-08</td><td>332-20A,B,C</td><td>332-32</td><td></td></tr> <tr><td>332-09</td><td>332-21</td><td>332-33</td><td></td></tr> <tr><td>332-10</td><td>332-22</td><td>332-34</td><td></td></tr> <tr><td>332-11</td><td>332-23</td><td>332-35A,B,C</td><td></td></tr> <tr><td>332-12</td><td>332-24</td><td>332-36</td><td></td></tr> </tbody> </table>						SAMPLE IDENTIFICATION	DATE COLLECTED	SAMPLE TYPE BULK/AIR/WIPE	REQUESTED ANALYSIS	332-01	332-13	332-25		332-02	332-14	332-26		332-03	332-15	332-27A,B,C		332-04A,B,C	332-16A,B,C	332-28		332-05	332-17A,B,C	332-29		332-06	332-18A,B,C	332-30		332-07	332-19A,B,C,D,E,F,G	332-31		332-08	332-20A,B,C	332-32		332-09	332-21	332-33		332-10	332-22	332-34		332-11	332-23	332-35A,B,C		332-12	332-24	332-36	
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332-01	332-13	332-25																																																							
332-02	332-14	332-26																																																							
332-03	332-15	332-27A,B,C																																																							
332-04A,B,C	332-16A,B,C	332-28																																																							
332-05	332-17A,B,C	332-29																																																							
332-06	332-18A,B,C	332-30																																																							
332-07	332-19A,B,C,D,E,F,G	332-31																																																							
332-08	332-20A,B,C	332-32																																																							
332-09	332-21	332-33																																																							
332-10	332-22	332-34																																																							
332-11	332-23	332-35A,B,C																																																							
332-12	332-24	332-36																																																							
TRANSFER NO.	RELINQUISHED BY	DATE	TIME	ACCEPTED BY	DATE	TIME	CONDITION																																																		
1	Pacey Maguire	9/5/17		Chris Starnes	9/11/17	9:00	Good																																																		
2	Fabry Malan	9/16/17																																																							
3																																																									

ADDITIONAL COMMENTS (PLEASE RECORD SPECIAL HANDLING/HAZARD INFORMATION)

**SECTION IV:**

***INSPECTOR AND LABORATORY  
ACCREDITATION AND LICENSING***



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**ACM Engineering & Environmental Services, Inc.**

26598 US-20 West

South Bend, IN 46628

Mr. Larry Malone

Phone: 574-234-8435 · Fax: 574-234-6800

Email: [staff@acmenv.com](mailto:staff@acmenv.com)

<http://www.acmenv.com>

**ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 101977-0**

**Bulk Asbestos Analysis**

**Code**

**Description**

18/A01

EPA -- Appendix E to Subpart E of Part 763 -- Interim Method of the Determination of Asbestos in Bulk Insulation Samples

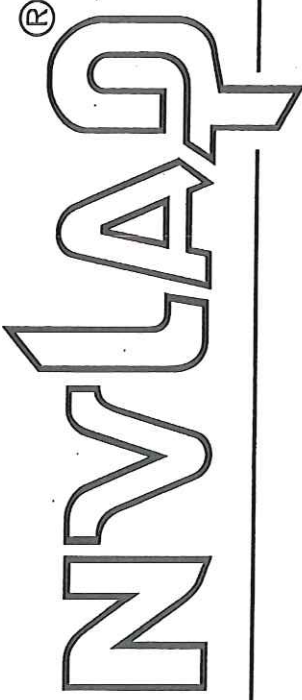
18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce  
National Institute of Standards and Technology



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# Certificate of Accreditation to ISO/IEC 17025:2005

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NVLAP LAB CODE: 101977-0

**ACM Engineering & Environmental Services, Inc.**  
South Bend, IN

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:

## Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2017-07-01 through 2018-06-30

Effective Dates

A handwritten signature in black ink, which appears to read "Thomas S. Lamm".

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For the National Voluntary Laboratory Accreditation Program

Indiana Department of Environmental Management  
100 N. Senate Avenue  
Mail Code 61-52 IGCN 1003  
Indianapolis, IN 46204-2251



February 21, 2017

000004

Michael A. Dials  
ACM Engineering & Environ Svcs Inc  
622 Water Meade PL  
Fort Wayne IN 46825

Re: Asbestos Inspector # 193210125

Based upon the review of your license application, the Office of Air Quality has determined that you have fulfilled the requirements of 326 IAC 18 and are eligible for licensing in the following discipline:

Asbestos Inspector

Your Asbestos Inspector license is attached below. The license is waterproof and tear resistant. Please sign your license and do not laminate or alter your license in anyway. Your license must be available for review at all times while implementing an asbestos project. This license may be revoked, pursuant to 326 IAC 18-1-7, if you:

- (1) Violate any requirements of these rules (326 IAC 18), 326 IAC 14-10, or any requirement of the Asbestos-Containing Materials in Schools Rule or any other federal, state, or local regulation pertaining to asbestos in buildings or to asbestos projects.
- (2) Falsify information on your application for licensing.
- (3) Fail to meet any qualifications specified in 326-IAC 18-1-4.
- (4) Conduct asbestos project, or related asbestos handling activity, in a manner which is hazardous to the public health.

Your license is valid effective 02/23/2017, and will expire on 02/23/2018, as indicated on your card. We suggest that you attend the required training and submit an application for license renewal early to insure your license does not lapse. NOTE: 326 IAC 18-1-4(h) and 326 IAC 18-1-6(e) require that any individual who has an eighteen (18) month lapse between any two training courses of the same discipline to attend an initial training course for the discipline in which they are seeking a license. In order to avoid re-taking the initial training course you must have attended a refresher in the discipline you are seeking a license within eighteen (18) months from the date of issuance of your last training course certificate.

Office of Air Quality, Asbestos Licensing Section (317) 233-3861



Indiana Dept. of Environmental Management

**Michael A. Dials**

Asbestos Inspector License #: 193210125

Effective: <b>02/23/2017</b>	Expiration: <b>02/23/2018</b>
Birth Date: <b>12/06/1968</b>	Gender: <b>M</b>
Height: <b>6-03</b>	Eye Color: <b>BRO</b>
Weight: <b>220</b>	Hair Color: <b>BRO</b>

ENVIRONMENTAL SAFETY ASSURANCE INSTITUTE  
1435 Sadlier Circle West Drive  
Indianapolis, Indiana 46239  
(317) 352-1270 / (317) 352-0669

**MICHAEL A. DIALS**  
3659

Has Successfully Completed The Course  
Required Under TSCA Title II  
And Passed The Written Examination  
With a Score of 70% or Better  
For

**ASBESTOS BUILDING INSPECTOR REFRESHER**

Accredited by the  
Indiana Department of Environmental Management

**Certificate # ES17/BIR2080**

Course Dates : 02/09/2017  
Test Date: 02/09/2017 Expires: 02/09/2018



*Sharyn Reyes*  
Sharyn Reyes  
Manager