



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
607 SOUTH VAN BUREN 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:

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607 SOUTH VAN BUREN STREET
AUBURN, INDIANA 46706**

DATE:

SEPTEMBER 18, 2017

On September 6, 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 607 South Van Buren Street, Auburn, Indiana 46706 for the purpose of planned demolition. The residential structure is a two story wood and wood frame structure on a partial basement and crawl space.

ACM's Indiana Department of Environmental Management (IDEM) licensed asbestos inspector collected a total of forty (40) suspect asbestos bulk samples of a total of twenty-six (26) 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.

- ❖ **There were no regulated asbestos containing building materials (RACM), Category I, or Category II non-friable asbestos containing materials which will become friable and regulated during normal demolition work activities identified on this project.**

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.

- ❖ **There were no Category I or Category II non-friable asbestos containing materials identified on this project.**

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
 607 SOUTH VAN BUREN STREET
 AUBURN, INDIANA 46706

DATE: SEPTEMBER 6, 2017 BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
607 - 01	BASEMENT	TAN FIBROUS WALL BOARD	NONE DETECTED	N/A
607 - 02A	BASEMENT	TROWELED-ON MATERIAL ON COBBLE STONE WALLS	NONE DETECTED	N/A
607 - 02B	BASEMENT	TROWELED-ON MATERIAL ON COBBLE STONE WALLS	NONE DETECTED	N/A
607 - 02C	BASEMENT	TROWELED-ON MATERIAL ON COBBLE STONE WALLS	NONE DETECTED	N/A
607 - 03	BASEMENT	BLACK FIBROUS FLOORING	NONE DETECTED	N/A
607 - 04	1 ST FLOOR KITCHEN	BROWN WOOD FLOOR ADHESIVE	NONE DETECTED	N/A
607 - 05	1 ST FLOOR ½ BATHROOM	2"X2" CERAMIC FLOOR TILE, GLUE, AND GROUT	NONE DETECTED	N/A
607 - 06A	1 ST FLOOR KITCHEN WALL	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A

Inspector: Michael A. Dials IDEM Inspector #: 193210125
 Inspector: Casey Micinski 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
 WATERLOO, INDIANA 46793

LOCATION: RESIDENTIAL STRUCTURE
 607 SOUTH VAN BUREN STREET
 AUBURN, INDIANA 46706

DATE: SEPTEMBER 6, 2017

BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
607 - 06B	1 ST FLOOR LIVING ROOM CEILING BY FIREPLACE	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
607 - 06C	1 ST FLOOR FAMILY ROOM WALL	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
607 - 06D	1 ST FLOOR UTILITY ROOM CLOSET	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
607 - 06E	2 ND FLOOR SOUTHEAST CORNER BEDROOM WALL	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
607 - 06F	2 ND SOUTHWEST CORNER BEDROOM CEILING	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
607 - 06G	2 ND FLOOR NORTHEAST CORNER BEDROOM WALL	HARD WALL AND CEILING PLASTER	NONE DETECTED	N/A
607 - 07	1 ST FLOOR FRONT ENTRANCE FOYER	MARBLE FLOORING AND ADHESIVE	NONE DETECTED	N/A
607 - 08	1 ST FLOOR FRONT ENTRANCE FOYER	GRAY FIBROUS UNDERLAYMENT	NONE DETECTED	N/A

Inspector: Michael A. Dials IDEM Inspector #: 193210125 Expiration: 2/23/18
 Inspector: Casey Micinski IDEM Inspector #: 192907077 Expiration: 8/19/18

BULK SAMPLE SUMMARY AND LOCATIONS

CLIENT:

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

LOCATION:

RESIDENTIAL STRUCTURE
 607 SOUTH VAN BUREN STREET
 AUBURN, INDIANA 46706

DATE:

SEPTEMBER 6, 2017

BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
607 - 09	1 ST FLOOR LIVING ROOM FIREPLACE	4"X4" RED QUARRY TILE, GROUT, AND ADHESIVE	NONE DETECTED	N/A
607 - 10	1 ST FLOOR LIVING ROOM FIREPLACE	FIREPLACE BRICK MORTAR	NONE DETECTED	N/A
607 - 11	1 ST FLOOR LIVING ROOM FIREPLACE	REFRACTORY BRICK IN FIREPLACE SURROUND	NONE DETECTED	N/A
607 - 12A	1 ST FLOOR UTILITY ROOM	DRYWALL CEILING WITH LIGHT TEXTURE	NONE DETECTED	N/A
607 - 12B	1 ST FLOOR UTILITY ROOM	DRYWALL CEILING WITH LIGHT TEXTURE	NONE DETECTED	N/A
607 - 12C	1 ST FLOOR UTILITY ROOM	DRYWALL CEILING WITH LIGHT TEXTURE	NONE DETECTED	N/A
607 - 13	2 ND FLOOR MASTER BEDROOM FIREPLACE	FIREPLACE SURROUND BRICK MORTAR	NONE DETECTED	N/A
607 - 14	2 ND FLOOR MASTER BEDROOM FIREPLACE	FLOOR FILLER UNDER QUARRY TILE IN FRONT OF FIREPLACE	NONE DETECTED	N/A

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
 WATERLOO, INDIANA 46793

LOCATION: RESIDENTIAL STRUCTURE
 607 SOUTH VAN BUREN STREET
 AUBURN, INDIANA 46706

DATE: SEPTEMBER 6, 2017

BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
607 – 15A	2 ND FLOOR HALLWAY	POPCORN CEILING TEXTURE	NONE DETECTED	N/A
607 – 15B	2 ND FLOOR HALLWAY	POPCORN CEILING TEXTURE	NONE DETECTED	N/A
607 – 15C	2 ND FLOOR HALLWAY	POPCORN CEILING TEXTURE	NONE DETECTED	N/A
607 – 16A	2 ND FLOOR BATHROOM (NORTH)	TROWELED-ON CEILING TEXTURE	NONE DETECTED	N/A
607 – 16B	2 ND FLOOR BATHROOM (NORTH)	TROWELED-ON CEILING TEXTURE	NONE DETECTED	N/A
607 – 16C	2 ND FLOOR BATHROOM (NORTH)	TROWELED-ON CEILING TEXTURE	NONE DETECTED	N/A
607 – 17	2 ND FLOOR BATHROOM (SOUTH)	WHITE CAULK AROUND TUB	NONE DETECTED	N/A
607 – 18	2 ND FLOOR BATHROOM (SOUTH)	4"X4" WHITE CERAMIC WALL TILE, GROUT, AND ADHESIVE	NONE DETECTED	N/A

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
 WATERLOO, INDIANA 46793

LOCATION:

RESIDENTIAL STRUCTURE
 607 SOUTH VAN BUREN STREET
 AUBURN, INDIANA 46706

DATE:

SEPTEMBER 6, 2017

BY: M. DIALS / C. MICINSKI

SAMPLE #	LOCATION	SAMPLE TYPE	ASBESTOS	FRIABLE/ NON-FRIABLE
607 - 19	ATTIC	GRAY FIBROUS ATTIC INSULATION	NONE DETECTED	N/A
607 - 20	ATTIC	OLD ASPHALT BASE ROOFING SHINGLE	NONE DETECTED	N/A
607 - 21	EXTERIOR OF HOUSE	CHIMNEY BRICK MORTAR	NONE DETECTED	N/A
607 - 22	EXTERIOR OF HOUSE	WINDOW GLAZING	NONE DETECTED	N/A
607 - 23	EXTERIOR OF HOUSE	CAULK AROUND DRYER VENT	NONE DETECTED	N/A
607 - 24	EXTERIOR OF HOUSE	BASEMENT WINDOW GLAZING	NONE DETECTED	N/A
607 - 25	EXTERIOR OF HOUSE	ASPHALT BASE ROOFING SHINGLE	NONE DETECTED	N/A
607 - 26	EXTERIOR OF HOUSE	FELT UNDER ROOF SHINGLE	NONE DETECTED	N/A

Inspector: Michael A. Dials
 Inspector: Casey Micinski

IDEM Inspector #: 193210125
 IDEM Inspector #: 192907077

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

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.

**ACM ENGINEERING & ENVIRONMENTAL SERVICES**

WWW.ACMENV.COM

26598 U.S. 20 WEST, SOUTH BEND, IN 46628

P: (574)234-8435 F: (574)234-6800

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
607 South Van Buren Street
Auburn, IN 46706

Sample Date: 9/6/17
Analysis Date: 9/7/17
ACM PROJECT #: 27301

CLIENT SAMPLE #	LAB SAMPLE #	SAMPLE IDENTIFICATION	ASBEST	CELL	NON FIB NON ACBM	FIB NON ACBM
607-01	1711663	YELLOW/BROWN FIBROUS MATL	----	82%	18%	----
607-02A	1711664	GREY/WHITE GRAINY MATL	----	----	100%	----
607-02B	1711665	GREY/WHITE GRAINY MATL	----	----	100%	----
607-02C	1711666	GREY/WHITE GRAINY MATL	----	----	100%	----
607-03	1711667	BLACK FIBROUS MATL	----	76%	24%	----
607-04	1711668	BROWN FIBROUS MATL	----	100%	----	----
607-05	1711669	WHITE GRAINY MATL	----	----	100%	----
607-06A	1711670	GREY/WHITE GRAINY MATL	----	----	98%	2% H
607-06B	1711671	GREY/WHITE GRAINY MATL	----	----	98%	2% H
607-06C	1711672	GREY/WHITE GRAINY MATL	----	----	97%	3% H
607-06D	1711673	GREY/WHITE GRAINY MATL	----	----	97%	3% H
607-06E	1711674	GREY/WHITE GRAINY MATL	----	----	98%	2% H
607-06F	1711675	GREY/WHITE GRAINY MATL	----	----	98%	2% H
607-06G	1711676	GREY/WHITE GRAINY MATL	----	----	98%	2% H
607-07	1711677	GREY/WHITE GRAINY MATL	----	----	100%	----
607-08	1711678	GREY GRAINY MATL	----	----	100%	----
607-09	1711679	RED/BROWN GRAINY MATL	----	----	100%	----
607-10	1711680	RED/BROWN GRAINY MATL	----	----	100%	----
607-11	1711681	DARK GREY GRAINY MATL	----	----	100%	----
607-12A	1711682	WHITE FLAKY MATL	----	14%	86%	----
607-12B	1711683	WHITE FLAKY MATL	----	16%	84%	----
607-12C	1711684	WHITE FLAKY MATL	----	15%	85%	----
607-13	1711685	RED GRANULAR MATL	----	----	100%	----
607-14	1711686	GREY/WHITE GRANULAR MATL	----	----	100%	----
607-15A	1711687	WHITE GRAINY MATL	----	----	100%	----
607-15B	1711688	WHITE GRAINY MATL	----	----	100%	----
607-15C	1711689	WHITE GRAINY MATL	----	----	100%	----
607-16A	1711690	WHITE GRAINY MATL	----	----	100%	----
607-16B	1711691	WHITE GRAINY MATL	----	----	100%	----

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

Microscopist:

Title: Laboratory Director

Date: 9/7/17

Revision 3, 5/16/16

**ACM ENGINEERING & ENVIRONMENTAL SERVICES**

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26598 U.S. 20 WEST, SOUTH BEND, IN 46628

P: (574)234-8435 F: (574)234-6800

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
607 South Van Buren Street
Auburn, IN 46706

Sample Date: 9/6/17
Analysis Date: 9/7/17
ACM PROJECT #: 27301

CLIENT SAMPLE #	LAB SAMPLE #	SAMPLE IDENTIFICATION	ASBEST	CELL	NON FIB NON ACBM	FIB NON ACBM
607-16C	1711692	WHITE GRAINY MATL	----	----	100%	----
607-17	1711693	WHITE PLIABLE MATL	----	----	100%	----
607-18	1711694	WHITE GRAINY MATL	----	----	100%	----
607-19	1711695	GREY/WHITE FIBROUS MATL	----	----	----	100% G
607-20	1711696	BLACK FIBROUS MATL	----	61%	39%	----
607-21	1711697	WHITE GRAINY MATL	----	----	100%	----
607-22	1711698	WHITE FLAKY MATL	----	----	100%	----
607-23	1711699	CLEAR ADHESIVE MATL	----	----	100%	----
607-24	1711700	WHITE FLAKY MATL	----	----	100%	----
607-25	1711701	BLACK FIBROUS MATL	----	60%	24%	16% G
607-26	1711702	BLACK FIBROUS MATL	----	92%	8%	----

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

Microscopist: _____

Title: Laboratory Director _____

Date: 9/7/17 _____

Revision 3, 5/16/16

21501

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	REPORT TO	PHONE	EMAIL	SAMPLED BY			
Dekalb County Central United School District	Mike Diaks	260-483-9795	mdiaks@acmenv.com	M. Diaks			
ADDRESS		PROJECT NAME & LOCATION					
3326 County Road 407		Residential Structure 607 South Van Buren Street Auburn, Indiana 46706					
CITY	STATE	ZIP	DATE COLLECTED	SAMPLE TYPE			
Waterloo	Indiana	46793	9/6/17	Bulk			
SAMPLE IDENTIFICATION							
607-01	607-13	607-25		Asbestos by PVM			
607-02A,B,C	607-14	607-26					
607-03	607-15A,B,C						
607-04	607-16A,B,C						
607-05	607-17						
607-06A,B,C,D,E,F,G	607-18						
607-07	607-19						
607-08	607-20						
607-09	607-21						
607-10	607-22						
607-11	607-23						
607-12A,B,C	607-24						
TRANSFER NO.	RELINQUISHED BY	DATE	TIME	ACCEPTED BY	DATE	TIME	CONDITION
1	Gregory M. McDaniel	9/6/17		Chris Stupel	9/17/17	9:00	GOOD
2	Gregory M. McDaniel	9/7/17					
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

<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

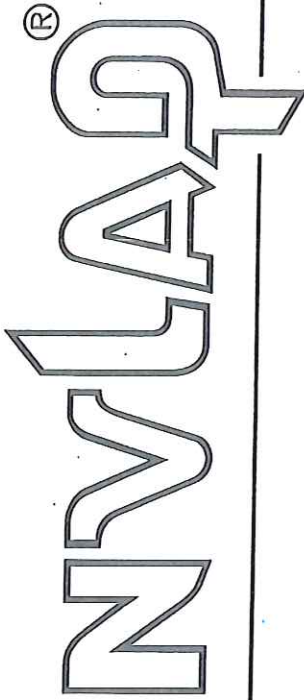
18/A03

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. Haman".

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

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-IAC-IAF Communiqué dated January 2009).*

2017-07-01 through 2018-06-30

Effective Dates

A handwritten signature in black ink, appearing to read "Peter S. Lamm".

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

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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