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**Gaudet Associates, Inc.**  
Construction & Environmental Services

**PRE-RENOVATION  
ASBESTOS IDENTIFICATION SURVEY  
OF  
Three (3) Structures  
Former Pahokee Hospital  
200 S. Barfield Highway  
Pahokee, FL**

September 16, 2013

Prepared For:

Mr. Charlie J. Reineke, Jr.  
K-Char, Inc.  
1121 Bacom Point Road  
Pahokee, FL 33476

Prepared By:

Gaudet Associates, Inc.  
3021 Jupiter Park Circle, Suite 101  
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**I. Introduction/Survey Results/Recommendations**

**I. INTRODUCTION/SURVEY RESULTS**

Gaudet Associates, Inc., a licensed Florida Asbestos Business (ZA#0000011), was retained by K-Char to perform an asbestos material identification survey at the Former Pahokee Hospital located at 200 South Barfield Highway in Pahokee, Florida.

The facility consists of three (3) structures: East Building, Hospital Building and Metal Building.

The East building is a two (2) story structure constructed of concrete block on a concrete slab. The interior consists of linoleum, vinyl baseboard and drywall. The interior of the structure has to be stripped. The structure is slated to be renovated.

The hospital building is a two (2) story structure constructed of concrete block on a concrete slab. The interior consists of linoleum, floor tile, ceiling tile, pipe insulation, fitting insulation, fireproofing, wall/ceiling plaster, drywall system and HVAC duct Mastic. The interior is severely damaged. The structure is slated to be renovated.

The Medal building is a single story structure constructed of metal on a concrete slab. The interior consists of floor tile and ceiling tile. The structure is slated to be renovated.

Gaudet Associates, Inc. scheduled an EPA Certified Building Inspector, Mr. Michael McGovern (BI), to perform the survey on September 10 and 11, 2013. The purpose of the survey was to identify, bulk sample and quantify suspect asbestos containing building materials. The inspector collected a total of seventy-eight (78) samples. These samples were analyzed by a National Voluntary Laboratory Accreditation Program (NVLAP) Accredited laboratory using Polarized Light Microscopy (PLM). The Environmental Protection Agency's (EPA) definition of an asbestos-containing material is one that is greater than one (1%) percent asbestos. Six (6) of the samples proved positive for asbestos content.

The materials that are asbestos containing or assumed to contain asbestos are listed as follows:

<b><u>Material</u></b>	<b><u>Location</u></b>	<b><u>Approximate Quantity</u></b>
Foam Glass Pipe Insulation w. Mastic (black)	Throughout Hospital Structure	5,000 l.f.
Fitting Insulation	Throughout Hospital structure	400-600 fittings
9" x 9" Floor Tile (white) & Mastic	Throughout Hospital structure	20,000 s.f.
12" x 12" floor tile (white)	Throughout Hospital structure	5,000 s.f.
12" x 12" Floor Tile (red)	Metal Structure	500 s.f.



**Foam Glass Pipe Insulation with Mastic (black)**

The foam glass pipe insulation Mastic (black) contains ten (10%) percent Chrysotile asbestos and is non-friable. The material is in poor to fair condition and is located throughout the Hospital structure.

**Fitting Insulation**

The fitting insulation contains ten (10%) percent Chrysotile asbestos and three (3%) percent Amosite asbestos and is friable. This material is in poor to fair condition and is located throughout the Hospital structure.

**9" x 9" Floor Tile (White) & Mastic**

The 9" x 9" floor tile (white) and Mastic contains three to ten (3-10%) percent Chrysotile asbestos and is non-friable. This material is in poor to fair condition and is located throughout the Hospital structure.

**12" x 12" Floor Tile (white)**

The 12" x 12" floor tile (white) contains two (2%) percent Chrysotile asbestos and is non-friable. This material is in poor to fair condition and is located in the Hospital Structure.

**12" x 12" Floor Tile (red)**

The 12" x 12" floor tile (red) contains eight (8%) percent Chrysotile asbestos and is non-friable. This material is in good condition and is located in the Metal structure.

The asbestos containing material quantities are approximate only and should not be used to solicit bids.

**RECOMMENDATIONS**

Gaudet Associates, Inc. has listed the following recommendations based upon the interpretation from local, state and federal regulations.

1. Gaudet Associates, Inc. recommends if renovations are planned that may disturb asbestos containing materials, abatement should be performed by a Licensed Asbestos Abatement Contractor. (See Removal, Enclosure and Encapsulation of Asbestos-Containing Material at the bottom of this section for a detailed response action).
2. Gaudet Associates, Inc. recommends if renovations are not planned, that an Operation and Maintenance (O&M) Plan be implemented to reduce the potential for occupant exposure. An O&M Plan details how to maintain asbestos-containing materials in a safe manner until such time that it is abated or the building is demolished.
3. Gaudet Associates, Inc. recommends if demolition is planned that may disturb friable asbestos containing materials or cause non-friable asbestos containing materials to become friable, abatement should be performed by a Licensed Asbestos Abatement Contractor.

**REMOVAL, ENCLOSURE AND ENCAPSULATION OF ASBESTOS-CONTAINING MATERIAL (ACM)**

If removal of ACM is the only option available, an asbestos specification should be developed by a licensed asbestos consultant in accordance with the owner/designer's planned activities. This establishes specific goals for the proper and safe removal of the targeted ACM. Upon establishing a specification, solicitation of asbestos abatement contractors should be performed by the owner's representative in order to evaluate and find the lowest responsible bidder. Once these preliminary procedures are completed, the selected contractor may begin removal of ACM from the facility. Gaudet Associates, Inc. does, however, recommend that a consultant be on-site to oversee and monitor the integrity of the containment and adherence to all local, state and federal regulations.

If removal is not required, the following procedures will minimize exposure and liability. These procedures are enclosure and encapsulation. Enclosure of ACM is a method by which a licensed asbestos abatement contractor constructs air tight containment around the asbestos material thereby isolating the ACM. This prevents any exposure of ACM to any common area. Encapsulation of ACM is a method by which a licensed asbestos abatement contractor seals the surface of exposed ACM with a clear or tinted sealant thereby reducing the exposure of asbestos fibers. Both of these procedures should be monitored and evaluated by a licensed consultant to insure compliance to local, state and federal regulations and to minimize any potential exposure due to poor work performance by the contractor. Please note that these two methods do not alleviate the presence of the asbestos and its hazard but only serve as a temporary remedy to the issue.

**II. Building Overview**



**II. BUILDING OVERVIEW**

In conducting this building inspection in compliance with all local, state and federal regulations, all suspected asbestos-containing building materials (ACBM) which were accessible to the inspector, were either sampled to confirm the actual presence of asbestos, or assumed to contain asbestos. Where suspected ACBM could be examined or by review of an existing plan, if available, could be determined to exist, such materials were also tested or assumed, as appropriate.

Building areas between walls, under floors, under concrete slabs and above permanent ceilings, all of which could not be accessed, were not visually inspected nor were materials therein sampled as a part of this building inspection.

Due in fact that over 3,600 different building products are recognized as asbestos-containing building materials, it cannot be said that all such products, which may be included in the subject building, have or could be identified. Due in fact that asbestos is an ingredient within a product and can be unevenly distributed, Gaudet Associates, Inc. cannot accept responsibility for the sample results and only reports said results as received by the accredited laboratory.



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 Collected: 9/10/2013

Project: **Pahokee Hospital - East Bldg. - 13-2104**

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-01 171304537-0001	Drywall System	White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
2104-02 171304537-0002	Drywall System	White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
2104-03 171304537-0003	Drywall System	White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
2104-04 171304537-0004	Linoleum	Brown Fibrous Homogeneous	35% Cellulose 3% Glass	62% Non-fibrous (other)	None Detected
2104-05 171304537-0005	Linoleum	Brown Fibrous Homogeneous	35% Cellulose 3% Glass	62% Non-fibrous (other)	None Detected
2104-06 171304537-0006	Linoleum	Brown Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (other)	None Detected
2104-07 171304537-0007	Baseboard	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-07A 171304537-0007A	Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Kim Wallace (3)  
 Robert Van (9)

*Kimberly A Wallace*

Kimberly Wallace, Laboratory Manager  
 or other approved signatory

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**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-08 171304537-0008	Stair Tread	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-09 171304537-0009	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-10 171304537-0010	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-11 171304537-0011	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Robert Van (9)

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or other approved signatory

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Project: Pahoee Hospital - Main Bldg. - 13-2104

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-22 171304538-0011	Drywall System	White Fibrous Heterogeneous	10% Cellulose <1% Glass	90% Non-fibrous (other)	None Detected
2104-23 171304538-0012	Drywall System	White Fibrous Heterogeneous	10% Cellulose 3% Glass	87% Non-fibrous (other)	None Detected
2104-24 171304538-0013	Drywall System	White Fibrous Heterogeneous	10% Cellulose <1% Glass	90% Non-fibrous (other)	None Detected
2104-25 171304538-0014	Drywall System	White Fibrous Heterogeneous	10% Cellulose <1% Glass	90% Non-fibrous (other)	None Detected
2104-26 171304538-0015	Drywall System	White Fibrous Heterogeneous	10% Cellulose <1% Glass	90% Non-fibrous (other)	None Detected
2104-27 171304538-0016	Ceramic Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-27A 171304538-0016A	Mortar	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-28 171304538-0017	Plaster	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Project: **Pahokee Hospital - Main Bldg. - 13-2104**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-18 171304538-0007	Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-18A 171304538-0007A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-19 171304538-0008	Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-19A 171304538-0008A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-20 171304538-0009	Linoleum	Beige Non-Fibrous Heterogeneous	3% Glass	97% Non-fibrous (other)	None Detected
2104-20A 171304538-0009A	Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-21 171304538-0010	Linoleum	Beige Non-Fibrous Heterogeneous	3% Glass	97% Non-fibrous (other)	None Detected
2104-21A 171304538-0010A	Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Project: Pahokee Hospital - Main Bldg. - 13-2104

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-29 171304538-0018	Plaster	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2104-30 171304538-0019	Plaster	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2104-31 171304538-0020	Foamglass P.I.	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-31A 171304538-0020A	Mastic	Black Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
2104-32 171304538-0021	Foamglass P.I.	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-32A 171304538-0021A	Mastic				Stop Positive (Not Analyzed)
2104-33 171304538-0022	Floor Tile	White Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
2104-33A 171304538-0022A	Mastic	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
2104-34 171304538-0023	Floor Tile				Stop Positive (Not Analyzed)

Analyst(s)

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-34A 171304538-0023A	Mastic				Stop Positive (Not Analyzed)
2104-35 171304538-0024	Floor Tile	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-35A 171304538-0024A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-36 171304538-0025	Insulation	White Fibrous Homogeneous		87% Non-fibrous (other)	10% Chrysotile 3% Amosite
2104-37 171304538-0026	Insulation				Stop Positive (Not Analyzed)
2104-38 171304538-0027	Fiberglass P.I.	Tan/Black/Yellow Fibrous Heterogeneous	70% Glass	30% Non-fibrous (other)	None Detected
2104-39 171304538-0028	Fiberglass P.I.	Tan/White/Black Fibrous Heterogeneous	70% Glass	30% Non-fibrous (other)	None Detected
2104-40 171304538-0029	Floor Tile	Green Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
2104-40A 171304538-0029A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-41 171304538-0030	Texture Ceiling	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2104-42 171304538-0031	Texture Ceiling	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2104-43 171304538-0032	Texture Ceiling	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2104-44 171304538-0033	Duct Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-45 171304538-0034	Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-45A 171304538-0034A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-46 171304538-0035	Celling Tile	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
2104-47 171304538-0036	Celling Tile	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

Analyst(s)

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 Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 09/15/2013 12:25:55



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EMSL Order: 171304538  
CustomerID: GAUD51  
CustomerPO:  
ProjectID:

Attn: **Mike McGovern**  
**Gaudet Associates, Inc**  
**3021 Jupiter Park Circle Ste 101**  
**Jupiter, FL 33458**

Phone: (561) 748-3040  
Fax: (561) 748-6085  
Received: 09/12/13 10:30 AM  
Analysis Date: 9/13/2013  
Collected: 9/10/2013

Project: Pahokee Hospital - Main Bldg. - 13-2104

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-48 171304538-0037	Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-48A 171304538-0037A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-49 171304538-0038	Linoleum	Beige Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (other)	None Detected
2104-50 171304538-0039	Ceiling Tile	White Fibrous Heterogeneous	30% Cellulose 30% Glass	40% Non-fibrous (other)	None Detected
2104-51 171304538-0040	Ceiling Tile	White Fibrous Heterogeneous	30% Cellulose 30% Glass	40% Non-fibrous (other)	None Detected
2104-52 171304538-0041	Fiberglass P.I.	Tan/Black/Yellow Fibrous Heterogeneous	20% Cellulose 50% Glass	30% Non-fibrous (other)	None Detected
2104-53 171304538-0042	Fiberglass P.I.	Tan/Black/Yellow Fibrous Heterogeneous	20% Cellulose 50% Glass	30% Non-fibrous (other)	None Detected
2104-54 171304538-0043	Filling Insulation	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Kim Wallace (72)

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or other approved signatory

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 Analysis Date: 9/13/2013  
 Collected: 9/10/2013

Project: Pahoee Hospital - Main Bldg. - 13-2104

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-12 171304538-0001	Fireproofing	Gray Fibrous Homogeneous	60% Glass	40% Non-fibrous (other)	None Detected
2104-13 171304538-0002	Fireproofing	Tan Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
2104-14 171304538-0003	Fireproofing	Gray Fibrous Homogeneous	60% Glass	40% Non-fibrous (other)	None Detected
2104-15 171304538-0004	Fireproofing	Gray Fibrous Homogeneous	60% Glass	40% Non-fibrous (other)	None Detected
2104-16 171304538-0005	Linoleum	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-16A 171304538-0005A	Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-17 171304538-0006	Linoleum	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-17A 171304538-0006A	Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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 Analysis Date: 9/13/2013  
 Collected: 9/10/2013

Project: **Pahokee Hospital - Main Bldg. - 13-2104**

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-64 171304538-0053	Linoleum	Black Fibrous Homogeneous	5% Glass 15% Cellulose	80% Non-fibrous (other)	None Detected
2104-65 171304538-0054	Linoleum	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-66 171304538-0055	Linoleum	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-67 171304538-0056	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-68 171304538-0057	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-69 171304538-0058	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-70 171304538-0059	Concrete Slab	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-71 171304538-0060	Concrete Slab	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Received: 09/12/13 10:30 AM  
Analysis Date: 9/13/2013  
Collected: 9/10/2013

Project: Pahoee Hospital - Main Bldg. - 13-2104

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-55 171304538-0044	Fitting Insulation	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-56 171304538-0045	Cocnrete Block	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-57 171304538-0046	Cocnrete Block	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-58 171304538-0047	Terra Cotta Walls	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-59 171304538-0048	Terra Cotta Walls	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-60 171304538-0049	Built-Up Roof	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-61 171304538-0050	Built-Up Roof	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-62 171304538-0051	Roof Flashing	Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2104-63 171304538-0052	Roof Flashing	Black Fibrous Homogeneous	5% Glass 15% Cellulose	80% Non-fibrous (other)	None Detected

Analyst(s)

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 09/15/2013 12:25:55



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Received: 09/12/13 10:30 AM  
Analysis Date: 9/13/2013  
Collected: 9/10/2013

Project: **Pahokee Hospital - Main Bldg. - 13-2104**

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-72	Flooring Material	Gray		100% Non-fibrous (other)	None Detected
171304538-0061		Non-Fibrous Homogeneous			

Analyst(s)  
Kim Wallace (72)

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Initial report from 09/15/2013 12:25:55



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 Received: 09/12/13 10:30 PM  
 Analysis Date: 9/13/2013  
 Collected: 9/10/2013

Project: **Pahokoe Hospital - Metal Structure - 13-2104**

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2104-73 171304539-0001	Floor Tile	Red Non-Fibrous Homogeneous		92% Non-fibrous (other)	8% Chrysotile
2104-74 171304539-0002	Floor Tile	Red Non-Fibrous Homogeneous		92% Non-fibrous (other)	8% Chrysotile
2104-75 171304539-0003	Ceiling Tile	Brown/White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
2104-76 171304539-0004	Ceiling Tile	Brown/White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
2104-77 171304539-0005	Ceiling Tile	White Fibrous Heterogeneous	55% Cellulose 3% Glass	42% Non-fibrous (other)	None Detected
2104-78 171304539-0006	Ceiling Tile	White Fibrous Heterogeneous	55% Cellulose 3% Glass	42% Non-fibrous (other)	None Detected

Analyst(s)

Robert Van (6)

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Initial report from 09/15/2013 12:26:51

**IV. Bulk Sample Log**

## BULK SAMPLE/FIELD ASSESSMENT LOG

Client: K-Char, Inc. Date: 9/10-9/11/2013  
 Project: Former Pahokee Hospital Project No: 13-2104  
 Location: Pahokee, FL Analysis Requested: PLM  
 Environmental Technician: Mike McGovern Results needed by: 48 hours

### EAST BLDG.

Page 1 of 2

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-01	Drywall System	Office – 1 <sup>st</sup> Floor		G	N	ND	NA
2104-02	Drywall System	Open Area – 1 <sup>st</sup> Floor		G	N	ND	NA
2104-03	Drywall System	North Side – 2 <sup>nd</sup> Floor		G	N	ND	NA
2104-04	Linoleum (brown pebble)	Office – 1 <sup>st</sup> Floor		G	Y	ND	NA
2104-05	Linoleum (brown pebble)	2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-06	Linoleum (brown pebble)	2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-07	Vinyl Baseboard (brown)	Office – 1st Floor		G	N	ND	NA
2104-08	Stair Tread	Stairs		G	N	ND	NA

**Condition**

SD - Significant Damage  
 D - Damaged  
 G - Good

**% Results**

ND = ≤ 1% Asbestos Detected  
 PACM - Presumed Asbestos

**Response Action**

NA - Not Applicable  
 O&M-Operations & Maint. Program  
 RE-Removal of Asbestos Containing Material



## BULK SAMPLE/FIELD ASSESSMENT LOG

Client: K-Char, Inc. Date: 9/10-9/11/2013  
 Project: Former Pahokee Hospital Project No: 13-2104  
 Location: Pahokee, FL Analysis Requested: PLM  
 Environmental Technician: Mike McGovern Results needed by: 48 hours

Page 2 of 2 **EAST BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-09	Exterior Plaster	North Side		G	N	ND	NA
2104-10	Exterior Plaster	West Side		G	N	ND	NA
2104-11	Exterior Plaster	South Side		G	N	ND	NA

<b>Condition</b> SD - Significant Damage D - Damaged G - Good	<b>% Results</b> ND = ≤ 1% Asbestos Detected PACM - Presumed Asbestos
<b>Response Action</b> NA - Not Applicable O&M-Operations & Maint. Program RE-Removal of Asbestos Containing Material	

## BULK SAMPLE/FIELD ASSESSMENT LOG

Client: K-Char, Inc.  
 Project: Former Pahokee Hospital  
 Location: Pahokee, FL  
 Environmental Technician: Mike McGovern

Date: 9/10-9/11/2013  
 Project No: 13-2104  
 Analysis Requested: PLM  
 Results needed by: 48 hours

### Page 2 of 8 MAIN BLDG.

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-20	Linoleum (beige)	Emergency Area		G	Y	ND	NA
2104-21	Linoleum (beige)	Emergency Area		G	Y	ND	NA
2104-22	Drywall System	Emergency Area		G	N	ND	NA
2104-23	Drywall System	Emergency Area		G	N	ND	NA
2104-24	Drywall System	South Section of Bldg.		G	N	ND	NA
2104-25	Drywall System	West Wing 2 <sup>nd</sup> Floor		G	N	ND	NA
2104-26	Drywall System	South Section of Bldg. 2 <sup>nd</sup> Floor		G	N	ND	NA
2104-27	Ceramic Tile (gray)	Emergency Area		G	N	ND	NA

**Condition**  
 SD - Significant Damage  
 D - Damaged  
 G - Good

**% Results**  
 ND = ≤ 1% Asbestos Detected  
 PACM - Presumed Asbestos

**Response Action**  
 NA - Not Applicable  
 O&M-Operations & Maint. Program  
 RE-Removal of Asbestos Containing Material

**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char, Inc. Date: 9/10-9/11/2013  
 Project: Former Pahokee Hospital Project No: 13-2104  
 Location: Pahokee, FL Analysis Requested: PLM  
 Environmental Technician: Mike McGovern Results needed by: 48 hours

**MAIN BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-12	Fireproofing Beams/Columns	Emergency Area		G	Y	ND	NA
2104-13	Fireproofing Beams/Columns	South Section of Bldg.		G	Y	ND	NA
2104-14	Fireproofing Beams/Columns	West Wing 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-15	Fireproofing Beams/Columns	West Wing 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-16	Linoleum (beige w. streaks)	Emergency Area		G	Y	ND	NA
2104-17	Linoleum (beige w. streaks)	Emergency Area		G	Y	ND	NA
2104-18	12" x 12" Floor Tile (beige)	Emergency Area		G	N	ND	NA
2104-19	12" x 12" Floor Tile (beige)	Emergency Area		G	N	ND	NA

**Condition**  
 SD - Significant Damage  
 D - Damaged  
 G - Good

**% Results**  
 ND = ≤ 1% Asbestos Detected  
 PACM - Presumed Asbestos

**Response Action**  
 NA - Not Applicable  
 O&M-Operations & Maint. Program  
 RE-Removal of Asbestos Containing Material



**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char, Inc.  
 Project: Former Pahokee Hospital  
 Location: Pahokee, FL  
 Environmental Technician: Mike McGovern

Date: 9/10-9/11/2013  
 Project No: 13-2104  
 Analysis Requested: PLM  
 Results needed by: 48 hours

Page 3 of 8 **MAIN BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-28	Interior Plaster	East Section of Bldg.		G	N	ND	NA
2104-29	Interior Plaster	South Section of Bldg.		G	N	ND	NA
2104-30	Interior Plaster	West Section of Bldg. 2 <sup>nd</sup> Floor		G	N	ND	NA
2104-31	Foam Glass Pipe Insulation w. Mastic	North Section of Bldg.		G	N	10% C	RE
2104-32	Foam Glass Pipe Insulation w. Mastic	North Section of Bldg.		G	N	Not Analyzed	RE
2104-33	9" x 9" Floor Tile (white) & Mastic	North Section of Bldg.		G	N	T - 3% C M - 3% C	RE
2104-34	9" x 9" Floor Tile (white) & Mastic	North Section of Bldg.		G	N	Not Analyzed	RE
2104-35	9" x 9" Floor Tile (green)	North Section of Bldg.		G	N	ND	NA

**Condition**  
 SD - Significant Damage  
 D - Damaged  
 G - Good

**% Results**  
 ND = ≤ 1% Asbestos Detected  
 PACM - Presumed Asbestos

**Response Action**  
 NA - Not Applicable  
 O&M-Operations & Maint. Program  
 RE-Removal of Asbestos Containing Material

**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char. Inc.  
 Project: Former Pahokee Hospital  
 Location: Pahokee, FL  
 Environmental Technician: Mike McGovern

Date: 9/10-9/11/2013  
 Project No: 13-2104  
 Analysis Requested: PLM  
 Results needed by: 48 hours

Page 4 of 8 **MAIN BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/D/G	Friable (Y/N)	% Results	Response Action
2104-36	Fitting Insulation	North Section of Bldg.		G	Y	10% C 3% A	RE
2104-37	Fitting Insulation	North Section of Bldg.		G	Y	Not Analyzed	RE
2104-38	Fiberglass Pipe Insulation	North Section of Bldg.		G	Y	ND	NA
2104-39	Fiberglass Pipe Insulation	North Section of Bldg.		G	Y	ND	NA
2104-40	12" x 12" Floor Tile (white)	East Section of Bldg.		G	N	2% C	RE
2104-41	Textured Ceiling	Northeast Rooms East Corridor		G	Y	ND	NA
2104-42	Textured Ceiling	Northeast Rooms East Corridor		G	Y	ND	NA
2104-43	Textured Ceiling	Northeast Rooms East Corridor		G	Y	ND	NA

**Condition**  
 SD - Significant Damage  
 D - Damaged  
 G - Good

**% Results**  
 ND = ≤ 1% Asbestos Detected  
 PACM - Presumed Asbestos

**Response Action**  
 NA - Not Applicable  
 O&M-Operations & Maint. Program  
 RE-Removal of Asbestos Containing Material

**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char, Inc.  
 Project: Former Pahokee Hospital  
 Location: Pahokee, FL  
 Environmental Technician: Mike McGovern

Date: 9/10-9/11/2013  
 Project No.: 13-2104  
 Analysis Requested: PLM  
 Results needed by: 48 hours

**MAIN BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-44	Duct Mastic (white)	South Section of Bldg.		G	N	ND	NA
2104-45	12" x 12" Floor Tile (beige)	South Section of Bldg.		G	N	ND	NA
2104-46	2' x 4' Ceiling Tile	South Section of Bldg.		G	Y	ND	NA
2104-47	2' x 4' Ceiling Tile	South Section of Bldg.		G	Y	ND	NA
2104-48	12" x 12" Floor Tile (beige) & Mastic	South Section of Bldg.		G	N	ND	NA
2104-49	Linoleum (beige)	Corridor 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-50	2' x 4' Ceiling Tile	North Section of Bldg. 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-51	2' x 4' Ceiling Tile	South Section of Bldg. 2 <sup>nd</sup> Floor		G	Y	ND	NA

**Condition**  
 SD - Significant Damage  
 D - Damaged  
 G - Good

**% Results**  
 ND = ≤ 1% Asbestos Detected  
 PACM - Presumed Asbestos

**Response Action**  
 NA - Not Applicable  
 O&M-Operations & Maint. Program  
 RE-Removal of Asbestos Containing Material



**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char, Inc.  
 Project: Former Pahokee Hospital  
 Location: Pahokee, FL  
 Environmental Technician: Mike McGovern

Date: 9/10-9/11/2013  
 Project No.: 13-2104  
 Analysis Requested: PLM  
 Results needed by: 48 hours

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**MAIN BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-52	Fiberglass Pipe Insulation	North Section of Bldg. 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-53	Fiberglass Pipe Insulation	South Section of Bldg. 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-54	Fitting Insulation	North Section of Bldg. 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-55	Fitting Insulation	South Section of Bldg. 2 <sup>nd</sup> Floor		G	Y	ND	NA
2104-56	Concrete Block	North Section of Bldg. 1 <sup>st</sup> Floor		G	N	ND	NA
2104-57	Concrete Block	South Section of Bldg. 2 <sup>nd</sup> Floor		G	N	ND	NA
2104-58	Terra Cotta Walls	North Section of Bldg. 1 <sup>st</sup> Floor		G	N	ND	NA
2104-59	Terra Cotta Walls	North Section of Bldg. 2 <sup>nd</sup> Floor		G	N	ND	NA

<b>Condition</b>	<b>% Results</b>	<b>Response Action</b>
SD - Significant Damage	ND = ≤ 1% Asbestos Detected	NA - Not Applicable
D - Damaged	PACM - Presumed Asbestos	O&M-Operations & Maint. Program
G - Good		RE-Removal of Asbestos Containing Material

**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char, Inc.  
 Project: Former Pahokee Hospital  
 Location: Pahokee, FL  
 Environmental Technician: Mike McGovern

Date: 9/10-9/11/2013  
 Project No: 13-2104  
 Analysis Requested: PLM  
 Results needed by: 48 hours

Page 7 of 8 **MAIN BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/D/G	Friable (Y/N)	% Results	Response Action
2104-60	Built-up Roof	South Section of Bldg.		G	N	ND	NA
2104-61	Built-up Roof	North Section of Bldg.		G	N	ND	NA
2104-62	Roof Flashing	South Section of Bldg.		G	N	ND	NA
2104-63	Roof Flashing	North Section of Bldg.		G	N	ND	NA
2104-64	Linoleum (brown pebble)	Center Section of Bldg. 1 <sup>st</sup> Floor		G	Y	ND	NA
2104-65	Linoleum (brown pebble)	Center Section of Bldg. 1 <sup>st</sup> Floor		G	Y	ND	NA
2104-66	Linoleum (beige pebble)	South Section of Bldg. 1 <sup>st</sup> Floor		G	Y	ND	NA
2104-67	Exterior Plaster	North Side		G	N	ND	NA

**Condition**  
 SD - Significant Damage  
 D - Damaged  
 G - Good

**% Results**  
 ND = ≤ 1% Asbestos Detected  
 PACM - Presumed Asbestos

**Response Action**  
 NA - Not Applicable  
 O&M-Operations & Maint. Program  
 RE-Removal of Asbestos Containing Material

**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char, Inc. Date: 9/10-9/11/2013  
 Project: Former Pahokee Hospital Project No: 13-2104  
 Location: Pahokee, FL Analysis Requested: PLM  
 Environmental Technician: Mike McGovern Results needed by: 48 hours

Page 8 of 8 **MAIN BLDG.**

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-68	Exterior Plaster	West Side		G	N	ND	NA
2104-69	Exterior Plaster	South Side		G	N	ND	NA
2104-70	Concrete Slab	North Section of Bldg. 1 <sup>st</sup> Floor		G	N	ND	NA
2104-71	Concrete Slab	South Section of Bldg. 2 <sup>nd</sup> Floor		G	N	ND	NA
2104-72	Flooring Material (beige)	Northeast Stairwell		G	N	ND	NA

<b>Condition</b>	<b>% Results</b>	<b>Response Action</b>
SD - Significant Damage	ND = ≤ 1% Asbestos Detected	NA - Not Applicable
D - Damaged	PACM - Presumed Asbestos	O&M-Operations & Maint. Program
G - Good		RE-Removal of Asbestos Containing Material



**BULK SAMPLE/FIELD ASSESSMENT LOG**

Client: K-Char, Inc. Date: 9/10-9/11/2013  
 Project: Former Pahokee Hospital Project No: 13-2104  
 Location: Pahokee, FL Analysis Requested: PLM  
 Environmental Technician: Mike McGovern Results needed by: 48 hours

**METAL BLDG.**

Page 1 of 1

Sample #	Sample Description of Material	Sample Location	Quantity (Total)	Condition SD/ D/ G	Friable (Y/N)	% Results	Response Action
2104-73	12" x 12" Floor Tile (red)	Office Area		G	N	8% C	RE
2104-74	12" x 12" Floor Tile (red)	Office Area		G	N	8% C	RE
2104-75	1' x 1' Zspline Ceiling Tile	Office Area		G	Y	ND	NA
2104-76	1' x 1' Zspline Ceiling Tile	Office Area		G	Y	ND	NA
2104-77	2' x 4' Ceiling Tile	Office Area		G	Y	ND	NA
2104-78	2' x 4' Ceiling Tile	Office Area		G	Y	ND	NA

<b>Condition</b>	<b>% Results</b>	<b>Response Action</b>
SD - Significant Damage	ND = ≤ 1% Asbestos Detected	NA - Not Applicable
D - Damaged	PACM - Presumed Asbestos	O&M-Operations & Maint. Program
G - Good		RE-Removal of Asbestos Containing Material

**V. Asbestos Business License**

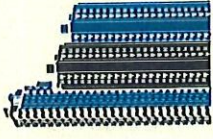


# CERTIFICATE OF TRAINING

**MIKE MCGOVERN SS#XXX-XX-5326**

*HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE  
FOR ASBESTOS ACCREDITATION UNDER TSCA TITLE II*

## **SURVEY & MECHANICAL SYSTEMS (INSPECTOR) REFRESHER COURSE**



**Gaudet Associates, Inc.**

**Construction & Environmental Services**

*Conducted by:*

**GAUDET Associates, Inc.**

*Training Division*

**3021 Jupiter Park Circle, Suite 101**

**Jupiter, FL 33458**

**Phone: (561) 748-3040**

**COURSE DATE: APRIL 15, 2013**

**PROVIDER NUMBER: 0001217**

**COURSE NUMBER: 0002821**

**EXPIRES: APRIL 15, 2014**

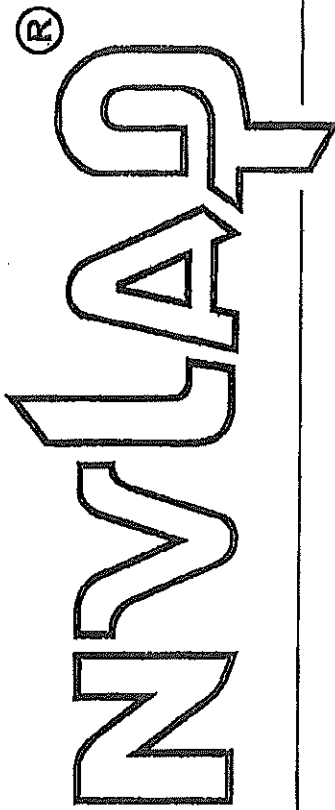
**CERTIFICATION NUMBER: SM-13-411**

**COURSE INSTRUCTOR:**



**VI. Laboratory Accreditation**

United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200204-0

**EMSL Analytical, Inc.**  
N. Miami Beach, FL

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

### **BULK 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).*

2013-04-01 through 2014-03-31

Effective dates



A handwritten signature in black ink, appearing to read "William D. M. L. D.", written over a horizontal line.

For the National Institute of Standards and Technology

AC# 5758918

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
ASBESTOS LICENSING UNIT

SEQ# L11091902704

DATE	BATCH NUMBER	LICENSE NBR
09/19/2011	110106369	ZA0000011

The ASBESTOS BUSINESS ORGANIZATION  
Named below IS LICENSED  
Under the provisions of Chapter 469 FS.  
Expiration date: NOV 30, 2013

GAUDET ASSOCIATES, INC.  
JOSEPH E. GAUDET  
3021 JUPITER PARK CIRCLE  
SUITE 101  
JUPITER

FL 33458

RICK SCOTT  
GOVERNOR

KEN LAWSON  
SECRETARY

DISPLAY AS REQUIRED BY LAW





**National Voluntary  
Laboratory Accreditation Program**



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

**EMSL Analytical, Inc.**  
Skylake Executive Industrial Park  
19501 N.E. 10th Ave., Bay A  
N. Miami Beach, FL 33179  
Ms. Kimberly A. Wallace  
Phone: 305-650-0577 Fax: 305-650-0578  
E-Mail: [kwallace@emsl.com](mailto:kwallace@emsl.com)  
URL: <http://www.emsl.com>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 200204-0**

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA 600/M4-82-020: Interim Method for 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

2013-04-01 through 2014-03-31

*Effective dates*

*For the National Institute of Standards and Technology*