



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
HHR90106

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
ROBERTA WAGNER 304-558-0067

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

HEALTH AND HUMAN RESOURCES  
 OPERATIONS  
 VARIOUS LOCALES AS INDICATED  
 ON PURCHASE ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/21/2009				

BID OPENING DATE: 02/26/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ADDENDUM NO. 1</p> <p>1. TO ADD THE NEW DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT THAT MUST BE SUBMITTED WITH THE BID.</p> <p>2. TO ADD THE ABATEMENT INSPECTION INFORMATION.</p> <p>3. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: HHR90106</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:            NO. 1 .....            NO. 2 .....            NO. 3 .....            NO. 4 .....            NO. 5 .....</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS  
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/21/2009				

BID OPENING DATE: **02/26/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p>..... SIGNATURE</p> <p>..... COMPANY</p> <p>..... DATE</p> <p>REV. 11/96</p> <p>END OF ADDENDUM NO. 1</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
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TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
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 Department of Administration  
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 2019 Washington Street East  
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01/21/2009				
BID OPENING DATE: 02/26/2009		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		968-32		
DEMOLITION OF BUILDING AT PINECREST HOSPITAL						
***** THIS IS THE END OF RFQ HHR90106 ***** TOTAL:						_____

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State of West Virginia  
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT  
West Virginia Code §21-1D-5

STATE OF WEST VIRGINIA,

COUNTY OF \_\_\_\_\_, TO-WIT:

I, \_\_\_\_\_, after being first duly sworn, depose and state as follows:

- 1. I am an employee of \_\_\_\_\_; and,  
(Company Name)
- 2. I do hereby attest that \_\_\_\_\_  
(Company Name)

maintains a valid written drug free workplace policy and that such policy is in compliance with **West Virginia Code §21-1D-5**.

The above statements are sworn to under the penalty of perjury.

\_\_\_\_\_  
(Company Name)

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Taken, subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_.

By Commission expires \_\_\_\_\_

(Seal)

\_\_\_\_\_  
(Notary Public)

**THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLY WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.**

# Astech Corporation

Rt. 1 Box 479-B  
Charleston, West Virginia 25312  
(304) 342-0545

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Health and Human Resources  
Office of Property Management  
Capitol Complex  
Building 3, Room 552  
Charleston, W.V. 25305

David Hildreth

Project: Pinecrest Hospital  
105 South Eisenhower Drive  
Beckley, W.V.

On November 13, 2008 Astech Corporation performed a pre-demolition survey on the powerhouse structure, number 13 structure and number 15 structure.  
The follow items were identified:

## Power House Structure

1. 55-gallon drum half full labeled 22 hydraulic oil.
2. 55-gallon drum black in color containing used oil.
3. 3 boilers was tested for radiation levels, all three showed elevated levels, in the fire brick and internal piping that may prevent disposal in the steel stream market. Remediation would be required.
4. Asbestos containing material, see attached survey.

## Structure 13

1. 13 fluorescent lights and ballast throughout first and second floor.
2. 2 thermostat control mercury switches, one on first floor and one on second floor.
3. Asbestos containing material, see attached survey.

## Structure 15

1. One thermostat control mercury switch.
2. One fluorescent light, basement area laying on floor.
3. Asbestos containing material, see attached survey.


# Astech Corporation

Rt. 1 Box 479-B  
Charleston, West Virginia 25312  
(304) 342-0545

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The pre-demolition survey was performed to aware the owners and contractors about the presence of environmental concerns.  
The quantity of the material is estimated to the best of my knowledge.  
For bidding purposes the contractors should make there own judgment of quantity of material.

Sincerely,   
Denver Davis



2313 South Walnut Drive St. Albans, WV 25177  
 (304) 444-4558 (304) 444-1259 Website: [www.wvinspect.com](http://www.wvinspect.com)

**ASBESTOS INSPECTION REPORT  
 OF  
 ONE (1) STRUCTURE  
 SCHEDULED FOR DEMOLITION IN  
 BECKLEY, WV**

**To  
 Denver Davis  
 Astech Corporation  
 Rt. 1 Box 479 A  
 Charleston, WV**

**House # 13  
 Pinecrest Hospital  
 Beckley, WV**

November 2008

Prepared and Submitted by

*Arvin Gibbs*

Arvin Gibbs, Inspector



## Table of Contents

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**Pinecrest Hospital****105 So. Eisenhower Drive, B Beckley, WV****EXECUTIVE SUMMARY**

Building name: Building 13  
 Building address: 105 South Eisenhower Drive  
 Beckley, WV 25801  
 Building owner: Pinecrest Hospital  
 Contact name: Bob Brown  
 Building description: Approximately 2940 Square foot structure  
 Construction date: Unknown  
 Inspection date: July 18, 2007/Nov.13, 2008  
 Inspector: Mr. Robert C. Smith AI005044  
 Mr. Arvin Gibbs AI005043

**Asbestos containing materials**

QUANTITY	MATERIALS	% ASBESTOS	LOCATION
Approx. 31 Windows	Window Putty	5% Chrysotile	Wood Windows

## **INTRODUCTION**

Pinecrest Hospital requested an asbestos inspection of Building Number 13 at 105 South Eisenhower Drive, Beckley, WV. This structure has been scheduled for demolition. A walk through re inspection was done on November 13, 2008

Mr. Robert Smith, EPA Accredited and WV Licensed Inspector (WV License No. AI004512), assisted by Mr. Arvin Gibbs, EPA Accredited and WV Licensed Inspector (WV License No. AI004513) inspected this structure on July 18, 2007.

18 samples were collected, were analyzed, and reported.

This inspection report contains the following:

A Building description and summary with description, location, quantity and results of the laboratory analysis of each suspected asbestos containing material.

A Laboratory sample analysis.

The Certificates and license number of the inspector and analytical laboratory.

## **SCOPE**

The goal of this inspection is to locate and quantify any asbestos containing materials located in or on this structure. Samples were taken from areas based upon both selective and random sampling strategies depending upon the nature of the suspect material and its condition, size, and type.

Non-destructive sampling is taking small samples of material, in areas that are hidden (behind doors, electric switch plates etc.). These locations are not be marked at the sampling point unless requested by the client.

In general, non-destructive sampling will be utilized, unless the inspector suspected asbestos containing material to be located in an inaccessible area, such as pipe insulation in a wall. The inspector, if possible, may have removed a portion of the interfering material to gain sampling access. However, demolition and renovation contractors should be alert that non-sampled asbestos containing materials might be present in such inaccessible areas. These areas include metal and concrete type coverings that cannot be removed during an initial inspection.

Each sample was assigned a unique sample identification number composed of a four (4) or five (5) -digit identification code.

## BUILDING DESCRIPTION AND SAMPLE SUMMARY

**General notes:**      **Bolded descriptions indicate an asbestos containing material.**

### **EXTERIOR DESCRIPTION**

- This structure is a two story house with basement.
- This structure has approximately 1200 square feet of Shingles and felt.
- **31 Wood Windows have Asbestos containing window putty.**

### **INTERIOR DESCRIPTION**

- The structure used a forced air heating system.

#### **Room 1, 27' x 33' Basement**

- The floor is concrete.
- The walls are block.
- The ceiling is wood.
- This room has four windows.

#### **Room 2, 13' x 15'**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is drywall.
- This room has three windows.

#### **Room 3, 7' x 27' Hall 1st Level**

- The floor has carpet over 12" x 12" floor tile.
- The walls are plaster.
- The ceiling is plaster.
- This room has no windows.

**Room 4, 15' x 27'**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has two windows.

**Room 5, 8' x 20'**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is plaster and 1' x 1' ceiling tile.
- This room has nine windows.

**Room 6, 24' x 24' Kitchen**

- The floor has 12" x 12" floor tile over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has four windows.

**Room 7, 4' x 6'**

- The floor has two layers 12" x 12" floor tile over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has one window.

**Room 8, 4' x 6'**

- The floor has two layers of 12" x 12" floor tile over wood.
- The walls are plaster.
- The ceiling is plaster and 1' x 1' ceiling tile.
- This room has no windows.

**Room 9, 12' x 7'**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has three windows.

**Room 10, 14' x 13'**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has two windows.

**Room 11, 7' x 7' Restroom**

- The floor has two layers 12" x 12" floor tile over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has one window.

**Room 12, 24' x 24'**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has three windows.

**Room 13, 13' x 14'**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has two windows.

**Room 14, 3' x 21' Hallway 2<sup>nd</sup> level**

- The floor has carpet over wood.
- The walls are plaster.
- The ceiling is plaster.
- This room has one window.

**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

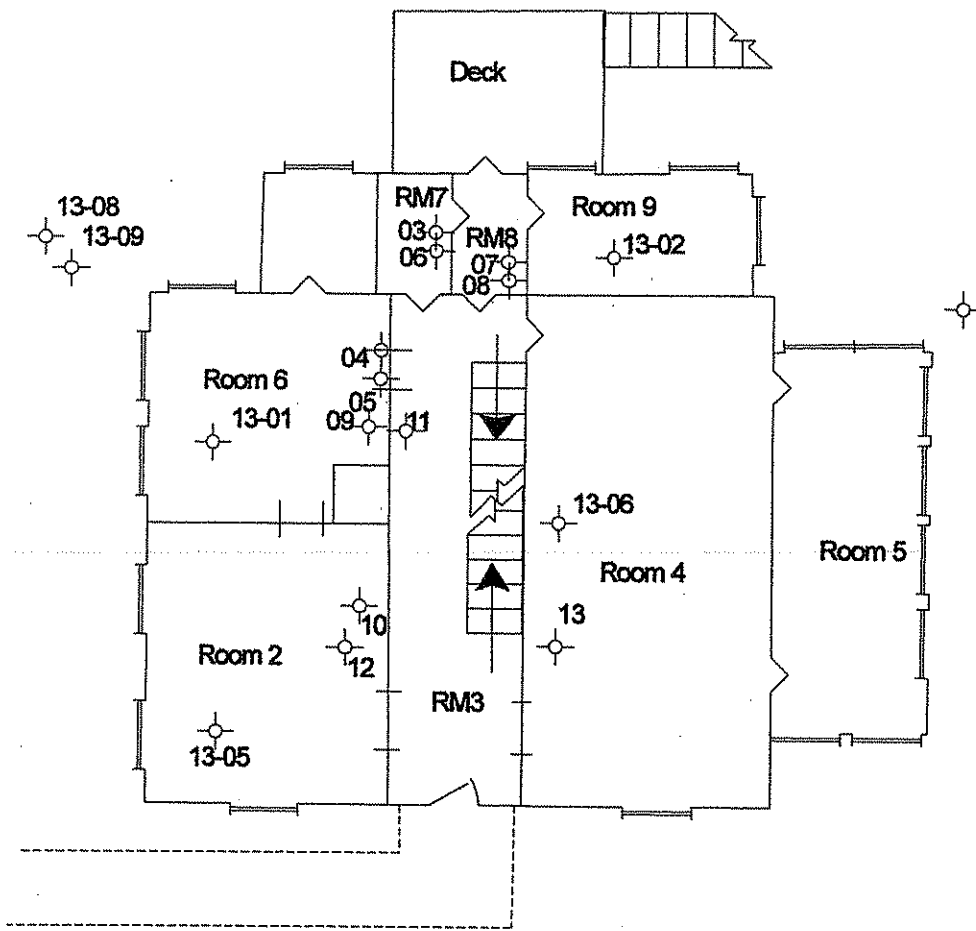
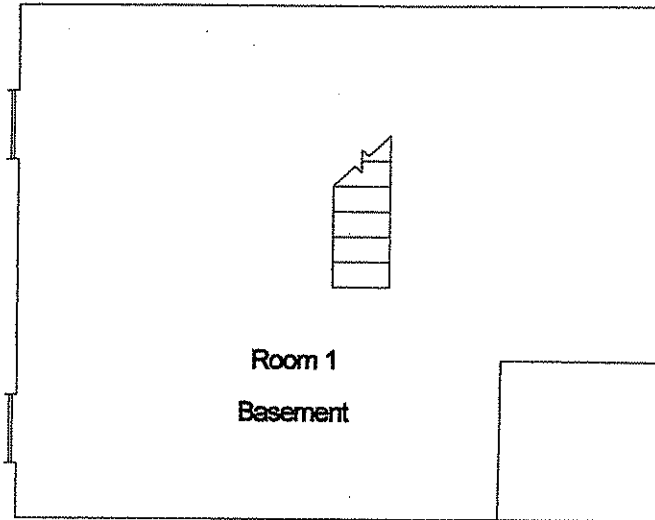
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**DRAWINGS**

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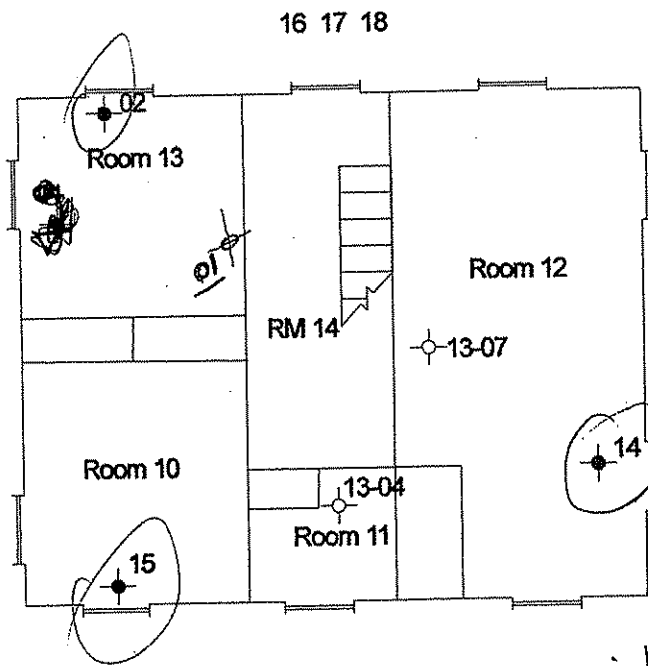


Front House # 13  
First Floor

By: agg

Date; July 18, 2007

Pinecrest Hospital



Second Floor #13

*window putty  
wood windows*

By: agg  
Date: July 18, 2007

Pinecrest Hospital



Asbestos Sample Log / Chain of Custody

Client:

Inspector: *[Signature]*

Date: *11-13-08*

Same Day 24 Hour 3 Days

Property Address:

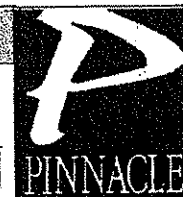
*# 13 Pincrest Hospital*

Sample #	OSHS-	Description / Material	Location
<i>#13</i>	<i>01 33747</i>	<i>12x12 white floor tile</i>	<i>RM 6 kitchen</i>
<i>02</i>		<i>Limeours</i>	<i>RM 9</i>
<i>03</i>		<i>wall plaster</i>	<i>RM 11</i>
<i>04</i>		<i>Wall Drywall</i>	<i>RM 11</i>
<i>05</i>		<i>Wall Plaster</i>	<i>RM 2</i>
<i>06</i>		<i>Ceiling Plaster</i>	<i>RM 4</i>
<i>07</i>		<i>Ceiling Plaster</i>	<i>RM 12</i>
<i>08</i>		<i>Shingles</i>	<i>Roof</i>
<i>09</i>	<i>33751</i>	<i>Felt</i>	<i>"</i>
<i>10</i>			
<i>11</i>			
<i>12</i>			

Date	Time	
		<i>11/14/08</i>
		<i>Craig Brown</i>

# Asbestos Identification by Polarized Light Microscopy

## Analysis Report

**NVLAP LAB CODE: 200718-0**
**License #: LT000330**


200 Prestige Park  
Hurricane, West Virginia  
25526  
Phone: 304-757-5204  
Fax: 304-757-5205

Attn: R. Chadwick Smith  
Best Home Inspection, LLC  
2313 South Walnut Drive  
St. Albans, WV 25177

**Received Date: 11/14/2008**
**PEC Project #:**
**Analysis Date: 11/17/2008**
**Client Project/PO #:**
**RE: #13 Pincrest Hospital**

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33743a	#13-01	Rm 6 Kitchen	White
Texture/Description:	Solid/12x12 Floor Tile	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33743b	#13-01	Rm 6 Kitchen	Yellow
Texture/Description:	Solid/Mastic	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0%	Fiber Glass: 0%	Others: 2%	Filler/Binder: 98 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33744	#13-02	Rm 9	Multi
Texture/Description:	Solid/Linoleum	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 30%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 70 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33745a	#13-03	Rm 11 Wall	Grey
Texture/Description:	Solid/Plaster	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 4%	Fiber Glass: 0%	Others: 2%	Filler/Binder: 94 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33745b	#13-03	Rm 11 Wall	White
Texture/Description:	Solid/Top Coat	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

RE: #13 Pincrest Hospital

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33746	#13-04	Rm 11 Wall	Beige/Tan
Texture/Description: Solid/Drywall			
TOTAL ASBESTOS: 0 %			
Cellulose: 13%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
		Others: 0%	Filler/Binder: 87 %
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33747a	#13-05	Rm 2 Wall	Grey
Texture/Description: Solid/Plaster			
TOTAL ASBESTOS: 0 %			
Cellulose: 4%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
		Others: 3%	Filler/Binder: 93 %
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33747b	#13-05	Rm 2 Wall	White
Texture/Description: Solid/Top Coat			
TOTAL ASBESTOS: 0 %			
Cellulose: 0%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
		Others: 0%	Filler/Binder: 100%
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33748a	#13-06	Rm 4 Ceiling	Beige
Texture/Description: Solid/Plaster			
TOTAL ASBESTOS: 0 %			
Cellulose: 11%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
		Others: 3%	Filler/Binder: 86 %
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33748b	#13-06	Rm 4 Ceiling	White
Texture/Description: Solid/Top Coat			
TOTAL ASBESTOS: 0 %			
Cellulose: 0%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
		Others: 0%	Filler/Binder: 100%
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33749a	#13-07	Rm 12 Ceiling	Grey
Texture/Description: Solid/Plaster			
TOTAL ASBESTOS: 0 %			
Cellulose: 0%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
		Others: 2%	Filler/Binder: 98 %
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33749b	#13-07	Rm 12 Ceiling	White
Texture/Description: Solid/Top Coat			
TOTAL ASBESTOS: 0 %			
Cellulose: 0%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
		Others: 0%	Filler/Binder: 100%

RE: #13 Pincrest Hospital

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
08WB-33750	#13-08	Roof	Black/Grey			
Texture/Description:	Solid/Shingle		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%	
TOTAL ASBESTOS:	0 %		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%	
Cellulose: 0%		Fiber Glass: 0%	Others: 8%	Filler/Binder: 92 %		

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
08WB-33751	#13-09	Roof	Black			
Texture/Description:	Solid/Felt Paper		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%	
TOTAL ASBESTOS:	0 %		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%	
Cellulose: 38%		Fiber Glass: 0%	Others: 0%	Filler/Binder: 62 %		

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used as an endorsement for NVLAP or any other government agency.

Analyzed by: \_\_\_\_\_



Tina Long



Asbestos Sample Log / Chain of Custody

Client: \_\_\_\_\_

Inspector: *John L. Smith*

Date: 7-18-07

Same Day 24 Hour 3 Days

Property Address: #13 Pinecrest

Belly

U#	Sample #	Description / Material	Location
646	13-01	Wall Plaster	RM 13
647	02	Window Putty	RM 13
648	03	12x12 Floor tile	RM 7 Bath
649	04	12x12 " " top	RM 6 Kitchen
650	05	12x12 " " Bottom	" "
651	06	Limestone Bottom	RM 7 Bath
652	07	12x12 Floor tile TOP	RM 8
653	08	12x12 " " Bottom	RM 8
654	09	Wall Plaster	RM 6
655	10	" "	RM 2
656	11	Ceiling Plaster	RM 3
657	12	" "	RM 2
658	13	" "	RM 4
659	14	Window Putty	RM 12
660	15	" "	RM 13
661	16	Shingles	RooF
662	17	Shingles	"
663	13-18	Felt	"
Date		Time	
<u>7-18-07</u>		<u>1:15 PM</u>	<u>Craig Brown</u>

# Asbestos Identification by Polarized Light Microscopy

## Analysis Report


**NVLAP LAB CODE: 200718-0**
**License #: LT000277**

Attn: R. Chadwick Smith  
**Best Home Inspection, LLC**  
 2313 South Walnut Drive  
 St. Albans, WV 25177

200 Prestige Park  
 Hurricane, West Virginia  
 25526  
 Phone: 304-757-5204  
 Fax: 304-757-5205

Received Date: 7/23/2007

PEC Project #:

Analysis Date: 7/24/2007

Client Project/PO #:

RE: #13 Pinecrest, Beckley, WV

PEC LAB #	CLIENT ID #	LOCATION	COLOR:				
07WB-16646a	13-01	Rm 13 Wall	White				
Texture/Description:	Solid/Top Coat Plaster	Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	100%
PEC LAB #	CLIENT ID #	LOCATION	COLOR:				
07WB-16646b	13-01	Rm 13 Wall	Grey				
Texture/Description:	Solid/Base Coat Plaster	Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	5%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	95 %
PEC LAB #	CLIENT ID #	LOCATION	COLOR:				
07WB-16647	13-02	Rm 13 Window	White/Grey				
Texture/Description:	Solid/Putty	Chrysotile:	5%	Tremolite:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	<b>5 %</b>	Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	95 %
PEC LAB #	CLIENT ID #	LOCATION	COLOR:				
07WB-16648a	13-03	Rm 7 Bath	White				
Texture/Description:	Solid/12x12 Floor Tile	Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	100%
PEC LAB #	CLIENT ID #	LOCATION	COLOR:				
07WB-16648b	13-03	Rm 7 Bath	Yellow				
Texture/Description:	Solid/Mastic	Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	<b>0 %</b>	Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	2%	Filler/Binder:	98 %



RE: #13 Pinecrest, Beckley, WV

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16649a	13-04	Rm 6 Kitchen (Top)	White					
Texture/Description:	Solid/12x12 Floor Tile		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0 %		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	100%	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16649b	13-04	Rm 6 Kitchen (Top)	Yellow					
Texture/Description:	Solid/Mastic		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0 %		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	2%	Filler/Binder:	98 %	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16650a	13-05	Rm 6 Kitchen (Bottom)	White					
Texture/Description:	Solid/12x12 Floor Tile		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0 %		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	100%	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16650b	13-05	Rm 6 Kitchen (Bottom)	Brown					
Texture/Description:	Solid/Mastic		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0 %		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	40%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	60 %	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16651	13-06	Rm 7 Bath (Bottom)	Red/Black					
Texture/Description:	Solid/Linoleum		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0 %		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	25%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	75 %	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16652	13-07	Rm 8 (Top)	White					
Texture/Description:	Solid/12x12 Floor Tile		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0 %		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	100%	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16653	13-08	Rm 8 (Bottom)	Red					
Texture/Description:	Solid/12x12 Floor Tile		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0 %		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	0%	Fiber Glass:	0%	Others:	0%	Filler/Binder:	100%	

RE: #13 Pinecrest, Beckley, WV

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>		
07WB-16654	13-09	Rm 6 Wall	White		
Texture/Description:	Solid/Plaster	Chrysotile:	0%	Tremolite:	0%
		Amosite:	0%	Actinolite:	0%
		Others:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	0 %			<b>Crocidolite:</b>	0%
Cellulose:	0%	Fiber Glass:	0%	<b>Filler/Binder:</b>	100%

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>		
07WB-16655	13-10	Rm 2 Wall	White		
Texture/Description:	Solid/Plaster	Chrysotile:	0%	Tremolite:	0%
		Amosite:	0%	Actinolite:	0%
		Others:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	0 %			<b>Crocidolite:</b>	0%
Cellulose:	0%	Fiber Glass:	0%	<b>Filler/Binder:</b>	100%

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>		
07WB-16656	13-11	Rm 3 Ceiling	White		
Texture/Description:	Solid/Plaster	Chrysotile:	0%	Tremolite:	0%
		Amosite:	0%	Actinolite:	0%
		Others:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	0 %			<b>Crocidolite:</b>	0%
Cellulose:	2%	Fiber Glass:	0%	<b>Filler/Binder:</b>	98 %

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>		
07WB-16657	13-12	Rm 2 Ceiling	White		
Texture/Description:	Solid/Plaster	Chrysotile:	0%	Tremolite:	0%
		Amosite:	0%	Actinolite:	0%
		Others:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	0 %			<b>Crocidolite:</b>	0%
Cellulose:	0%	Fiber Glass:	0%	<b>Filler/Binder:</b>	100%

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>		
07WB-16658	13-13	Rm 4 Ceiling	White		
Texture/Description:	Solid/Plaster	Chrysotile:	0%	Tremolite:	0%
		Amosite:	0%	Actinolite:	0%
		Others:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	0 %			<b>Crocidolite:</b>	0%
Cellulose:	2%	Fiber Glass:	0%	<b>Filler/Binder:</b>	98 %

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>		
07WB-16659	13-14	Rm 12 Window	White		
Texture/Description:	Solid/Putty	Chrysotile:	4%	Tremolite:	0%
		Amosite:	0%	Actinolite:	0%
		Others:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	4 %			<b>Crocidolite:</b>	0%
Cellulose:	0%	Fiber Glass:	0%	<b>Filler/Binder:</b>	96 %

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>		
07WB-16660	13-15	Rm 13 Window	White		
Texture/Description:	Solid/Putty	Chrysotile:	4%	Tremolite:	0%
		Amosite:	0%	Actinolite:	0%
		Others:	0%	Anthophyllite:	0%
<b>TOTAL ASBESTOS:</b>	4 %			<b>Crocidolite:</b>	0%
Cellulose:	0%	Fiber Glass:	0%	<b>Filler/Binder:</b>	96 %

RE: #13 Pinecrest, Beckley, WV

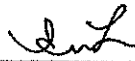
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:		
07WB-16661	13-16	Roof	Grey/Black		
Texture/Description:	Solid/Shingle		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	0 %		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 8%	Fiber Glass: 0%		Others: 0%	Filler/Binder: 92 %	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:		
07WB-16662	13-17	Roof	Grey/Black		
Texture/Description:	Solid/Shingle		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	0 %		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 8%	Fiber Glass: 0%		Others: 0%	Filler/Binder: 92 %	

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:		
07WB-16663	13-18	Roof	Black		
Texture/Description:	Solid/Felt		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	0 %		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 38%	Fiber Glass: 0%		Others: 0%	Filler/Binder: 62 %	

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used as an endorsement for NVLAP or any other government agency.

Analyzed by: \_\_\_\_\_



Tina Long

**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

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**ASBESTOS BULK ANALYSIS**

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**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

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**CERTIFICATES**

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# This Certificate is Awarded to

Arvin Gibbs

*Who has successfully completed the below course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements set forth in 40 CFR Part 763 (AHERA) for purposes of accreditation required under TSCA Title II. This course was conducted by Astar Abatement, Incorporated.*

## Asbestos Inspector Refresher

Course Start Date 2/8/2008  
Exam Date 2/8/2008  
Expiration Date 2/8/2009

Total Hours 4  
Certificate Number AC13107-132

### ASTAR ABATEMENT, INC

Quality Safety Reliability

Post Office Box 13533  
Sissonville, West Virginia 25360  
Phone: (304) 984-4030  
Fax: (304) 984-4031

Gregory A. Pauley  
Instructors Name

*Gregory A. Pauley*  
Instructor's Signature

There is a printed watermark below the Instructors signature on the original

WEST VIRGINIA

Asbestos Program

Arvin G. Gibbs

IS LICENSED AS AN

ASBESTOS INSPECTOR

License # A1005043

Issued 7/29/2008

Expires 7/31/2009

Randy C. Artis Dir. WV RTIA DIV



WEST VIRGINIA

Asbestos Program

Robert C. Smith

IS LICENSED AS AN

ASBESTOS INSPECTOR

License # AI005044

Issued: 7/29/2008

Expires: 7/31/2009

Randy C. Curtis Dir., WV RTIA DIV

# This Certificate is Awarded to

## Robert C. Smith

*Who has successfully completed the below course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements setforth in 40 CFR Part 763 (AHERA) for purposes of accreditation required under TSCA Title II. This course was conducted by Astar Abatement, Incorporated.*

### Asbestos Inspector Refresher

Course Start Date

2/8/2008

Exam Date

2/8/2008

Expiration Date

2/8/2009

Total Hours

4

Certificate Number

AC13107-131

Gregory A. Pauley

Instructors Name



Instructor's Signature

There is a printed watermark below the Instructors signature on the original

### ASTAR ABATEMENT, INC

Quality Safety Reliability

Post Office Box 13533

Sissonville, West Virginia 25360

Phone: (304) 984-4030

Fax: (304) 984-4031

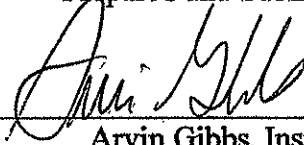
**ASBESTOS INSPECTION REPORT  
OF  
ONE (1) STRUCTURE  
SCHEDULED FOR DEMOLITION IN  
BECKLEY, WV**

**To  
Denver Davis  
Astech Corporation  
Rt. 1 Box 479 A  
Charleston, WV**

**House # 15  
Pinecrest Hospital  
Beckley, WV**

November 2008

Prepared and Submitted by



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Arvin Gibbs, Inspector



## Table of Contents

Executive summary	Page 3
Introduction, Scope of Work	Page 4
Building description and summary	Page 5-7
Drawing	Page 8
Asbestos bulk analysis	Page 9
Certificates	Page 10

**Pinecrest Hospital****105 So. Eisenhower Drive, B Beckley, WV****EXECUTIVE SUMMARY**

Building name: Building 15  
 Building address: 105 South Eisenhower Drive  
 Beckley, WV 25801  
 Building owner: Pinecrest Hospital  
 Contact name: Denver Davis  
 Building description: Approximately 1360 Square foot structure  
 Construction date: Unknown  
 Inspection date: July 18, 2007/November 13, 2008  
 Inspector: Mr. Robert C. Smith AI005044  
 Mr. Arvin Gibbs AI005043

**Asbestos containing materials**

QUANTITY	MATERIALS	% ASBESTOS	LOCATION
Approx. 1500 Sq Ft	Transite Siding	25% Chrysotile	Outside Walls
Approx. 56 linear Ft	Pipe Insulation	35% Chrysotile	Crawl Space
Approx. 273 Sq Ft	Insulation Debris	35% Chrysotile	Scattered on dirt in crawl space from RM 12,
Approx. 24 Linear Ft	Pipe Insulation	35% Chrysotile	Room 13/Crawl space area has loose Transite on the ground, approx 250 square feet of space.

## INTRODUCTION

Pinecrest Hospital requested an asbestos inspection of Building Number 15 at 105 South Eisenhower Drive, Beckley, WV. This structure has been scheduled for demolition. A walk through re inspection was done on November 13, 2008.

Mr. Robert Smith, EPA Accredited and WV Licensed Inspector (WV License No. AI005044), assisted by Mr. Arvin Gibbs, EPA Accredited and WV Licensed Inspector (WV License No. AI005043) inspected this structure on July 18, 2007.

21 samples were collected, were analyzed, and reported.

This inspection report contains the following;

A Building description and summary with description, location, quantity and results of the laboratory analysis of each suspected asbestos containing material.

A Laboratory sample analysis.

The Certificates and license number of the inspector and analytical laboratory.

## SCOPE

The goal of this inspection is to locate and quantify any asbestos containing materials located in or on this structure. Samples were taken from areas based upon both selective and random sampling strategies depending upon the nature of the suspect material and its condition, size, and type.

Non-destructive sampling is taking small samples of material, in areas that are hidden (behind doors, electric switch plates etc.). These locations are not be marked at the sampling point unless requested by the client.

In general, non-destructive sampling will be utilized, unless the inspector suspected asbestos containing material to be located in an inaccessible area, such as pipe insulation in a wall. The inspector, if possible, may have removed a portion of the interfering material to gain sampling access. However, demolition and renovation contractors should be alert that non-sampled asbestos containing materials might be present in such inaccessible areas.

Each sample was assigned a unique sample identification number composed of a four (4) or five (5) -digit identification code.

## BUILDING DESCRIPTION AND SAMPLE SUMMARY

**General notes:**      **Bolded descriptions indicate an asbestos containing material.**

### **EXTERIOR DESCRIPTION**

- This structure is a one story house with basement.
- This structure has approximately 1500 square feet of Shingles and felt.

### **INTERIOR DESCRIPTION**

- The structure used a forced air heating system.
- There is asbestos debris on the ground in the crawl spaces.

#### **Room 1, 12' x 21'**

- The floor has carpet over wood.
- The walls are drywall.
- The ceiling is drywall.
- This room has five windows.

#### **Room 2, 6' x 6' Restroom**

- The floor has linoleum over wood.
- The walls are drywall.
- The ceiling is drywall.
- This room has one window.

#### **Room 3, 10' x 24'**

- The floor has carpet over wood.
- The walls are drywall.
- The ceiling is drywall.
- This room has two windows.

- The floor has carpet over wood.
- The walls are drywall.
- The ceiling is drywall.
- This room has two windows.

**Room 10, 6' x 10' Restroom**

- The floor has linoleum over wood.
- The walls are drywall.
- The ceiling is drywall.
- This room has no windows.

**Room 11, 8' x 14'**

- The floor has carpet over wood.
- The walls are drywall.
- The ceiling is drywall.
- This room has two windows.

**Room 12, 25' x 21' Basement**

- The floor is concrete.
- The walls are block.
- The ceiling is wood.
- This room has no windows.
- **Crawl space area has approximately 56 linear feet of pipe insulation with insulation debris over surface of ground. Area is approximately 273 Sq. Ft.**

**Room 13, 13' x 21' Basement**

- The floor is concrete.
- The walls are block.
- The ceiling is wood.
- This room has no windows.
- **Approximately 21 Linear Feet of pipe insulation.**
- **Transite Debris in Crawl Space, approximately 483 square feet.**

**Pinecrest Hospital**

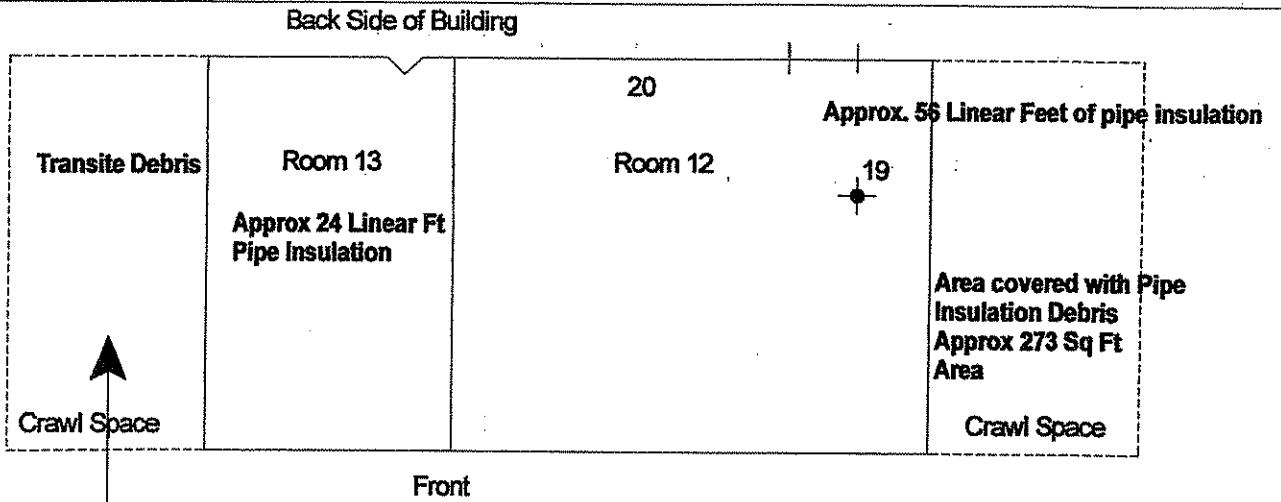
**105 So. Eisenhower Drive, B Beckley, WV**

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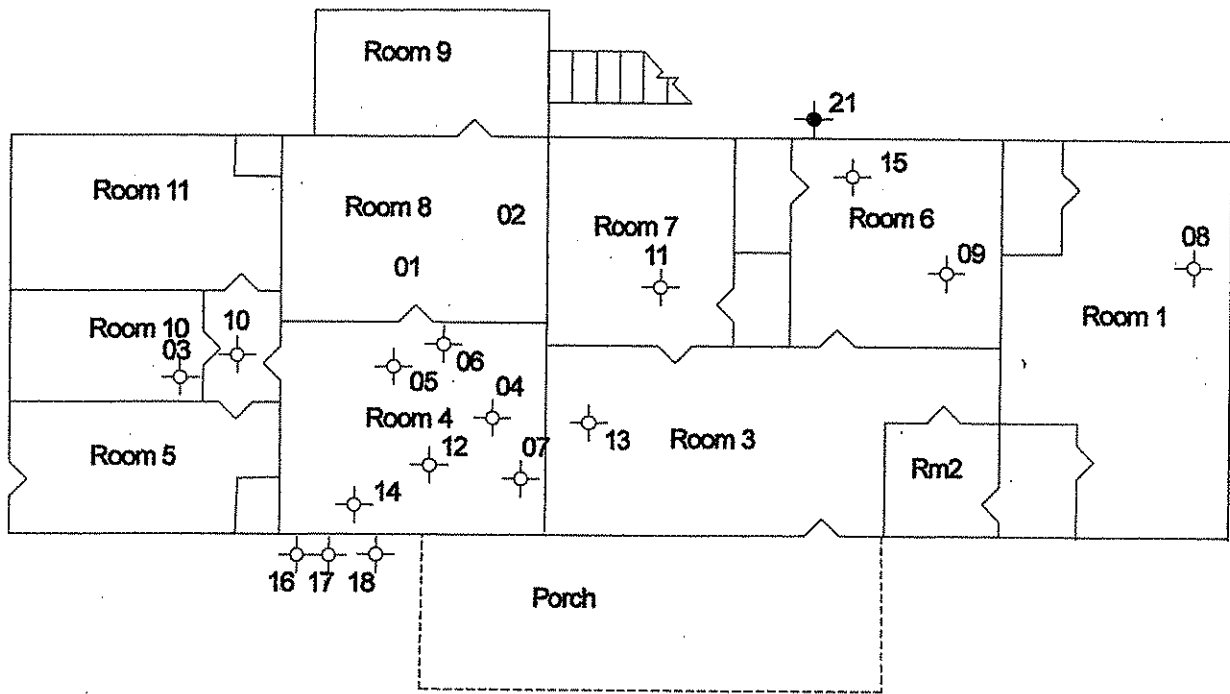
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**DRAWINGS**

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Approx 250 Sq Ft of transite debris on ground of crawl space



By: agg  
Date: July 18, 2007

Pinecrest Hospital

**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

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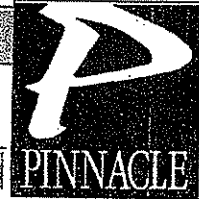
**ASBESTOS BULK ANALYSIS**

---



# Asbestos Identification by Polarized Light Microscopy

## Analysis Report


**NVLAP LAB CODE: 200718-0**
**License #: LT000277**

Attn: R. Chadwick Smith  
**Best Home Inspection, LLC**  
 2313 South Walnut Drive  
 St. Albans, WV 25177

200 Prestige Park  
 Hurricane, West Virginia  
 25526  
 Phone: 304-757-5204  
 Fax: 304-757-5205

Received Date: 7/23/2007

PEC Project #:

Analysis Date: 7/24/2007

Client Project/PO #:

RE: #15 Pinecrest - Beckley, WV

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
07WB-16625	15-01	Rm 8 Kitchen	Cream
Texture/Description: Solid/Linoleum			
TOTAL ASBESTOS: 0 %			
Cellulose: 16%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0%
		Amosite: 0%	Actinolite: 0%
		Others: 3%	Anthophyllite: 0%
			Crocidolite: 0%
			Filler/Binder: 81 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
07WB-16626	15-02	Rm 8 Kitchen	Cream/Beige
Texture/Description: Solid/Linoleum			
TOTAL ASBESTOS: 0 %			
Cellulose: 16%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0%
		Amosite: 0%	Actinolite: 0%
		Others: 3%	Anthophyllite: 0%
			Crocidolite: 0%
			Filler/Binder: 81 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
07WB-16627	15-03	Rm 10 Bath	Cream/Beige
Texture/Description: Solid/Linoleum			
TOTAL ASBESTOS: 0 %			
Cellulose: 18%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0%
		Amosite: 0%	Actinolite: 0%
		Others: 3%	Anthophyllite: 0%
			Crocidolite: 0%
			Filler/Binder: 79 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
07WB-16628	15-04	Rm 4	Green
Texture/Description: Solid/Linoleum			
TOTAL ASBESTOS: 0 %			
Cellulose: 50%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0%
		Amosite: 0%	Actinolite: 0%
		Others: 0%	Anthophyllite: 0%
			Crocidolite: 0%
			Filler/Binder: 50 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
07WB-16629	15-05	Rm 4	Green
Texture/Description: Solid/Linoleum			
TOTAL ASBESTOS: 0 %			
Cellulose: 20%	Fiber Glass: 0%	Chrysotile: 0%	Tremolite: 0%
		Amosite: 0%	Actinolite: 0%
		Others: 0%	Anthophyllite: 0%
			Crocidolite: 0%
			Filler/Binder: 80 %

RE: #15 Pinecrest - Beckley, WV

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16630	15-06	Rm 4	Black					
Texture/Description:	Solid/Felt		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0%		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	28%	Fiber Glass: 0%	Others:	0%	Filler/Binder: 72%			

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16631	15-07	Rm 4 Wall	Beige/Tan					
Texture/Description:	Solid/Drywall		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0%		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	13%	Fiber Glass: 0%	Others:	0%	Filler/Binder: 87%			

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16632	15-08	Rm 1 Wall	Beige/Tan					
Texture/Description:	Solid/Drywall		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0%		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	5%	Fiber Glass: 0%	Others:	4%	Filler/Binder: 91%			

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16633	15-09	Rm 6 Wall	Beige/Tan					
Texture/Description:	Solid/Drywall		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0%		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	8%	Fiber Glass: 0%	Others:	0%	Filler/Binder: 92%			

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16634	15-10	Rm 3 Ceiling	Beige/Tan					
Texture/Description:	Solid/Drywall		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0%		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	12%	Fiber Glass: 0%	Others:	0%	Filler/Binder: 88%			

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16635	15-11	Rm 7 Ceiling	Beige/Tan					
Texture/Description:	Solid/Drywall		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0%		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	13%	Fiber Glass: 0%	Others:	0%	Filler/Binder: 87%			

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:					
07WB-16636	15-12	Rm 4 Ceiling	Beige/Tan					
Texture/Description:	Solid/Drywall		Chrysotile:	0%	Tremolite:	0%	Anthophyllite:	0%
TOTAL ASBESTOS:	0%		Amosite:	0%	Actinolite:	0%	Crocidolite:	0%
Cellulose:	16%	Fiber Glass: 0%	Others:	0%	Filler/Binder: 84%			

RE: #15 Pinecrest - Beckley, WV

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
07WB-16637	15-13	Rm 3	White/Tan			
Texture/Description: Fibrous/1x1 Ceiling Tile		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%		
TOTAL ASBESTOS: 0%		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%		
Cellulose: 96%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 4%			
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
07WB-16638	15-14	Rm 4 Window	White/Cream			
Texture/Description: Solid/Putty		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%		
TOTAL ASBESTOS: 0%		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%		
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%			
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
07WB-16639	15-15	Rm 6 Window	White			
Texture/Description: Solid/Putty		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%		
TOTAL ASBESTOS: 0%		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%		
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%			
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
07WB-16640	15-16	Roof	Grey/Black			
Texture/Description: Solid/Shingle		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%		
TOTAL ASBESTOS: 0%		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%		
Cellulose: 0%	Fiber Glass: 0%	Others: 7%	Filler/Binder: 93%			
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
07WB-16641	15-17	Roof	Grey/Black			
Texture/Description: Solid/Shingle		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%		
TOTAL ASBESTOS: 0%		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%		
Cellulose: 0%	Fiber Glass: 0%	Others: 9%	Filler/Binder: 91%			
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
07WB-16642	15-18	Roof	Black			
Texture/Description: Solid/Felt		Chrysotile: 0%	Tremolite: 0%	Anthophyllite: 0%		
TOTAL ASBESTOS: 0%		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%		
Cellulose: 38%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 62%			
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:			
07WB-16643	15-19	Basement	White			
Texture/Description: Solid/Air-O-Cell		Chrysotile: 35%	Tremolite: 0%	Anthophyllite: 0%		
TOTAL ASBESTOS: 35%		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%		
Cellulose: 20%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 45%			

RE: #15 Pinecrest - Beckley, WV

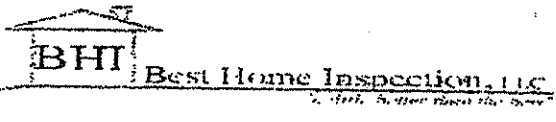
<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>
07WB-16644	15-20	Basement Stored Window	Grey/White
Texture/Description: Solid/Putty		Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
<b>TOTAL ASBESTOS: 0%</b>		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

<b>PEC LAB #:</b>	<b>CLIENT ID #:</b>	<b>LOCATION:</b>	<b>COLOR:</b>
07WB-16645	15-21	Siding	White/Grey
Texture/Description: Solid/Transite		Chrysotile: 25%	Tremolite: 0% Anthophyllite: 0%
<b>TOTAL ASBESTOS: 25%</b>		Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 3%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 72%

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used as an endorsement for NVLAP or any other government agency.

Analyzed by: \_\_\_\_\_

  
 Tina Long



Asbestos Sample Log / Chain of Custody

Client: \_\_\_\_\_ Inspector: J. Mills

Date: 7-18-07

Same Day 24 Hour 3 Days

Property Address: #15 Pinecrest Bldg W

MS	Sample #	Description / Material	Location
625	15-01	Limestone	Rm 8 Kitchen
626	02	"	"
627	03	"	Rm 10 Bath <u>Sample 01</u>
628	04	Limestone	Rm 4
629	05	"	Rm 4
630	06	Felt	Rm 4
631	07	Drywall	Rm 4
632	08	Drywall	Rm 1
633	09	"	Rm 6
634	10	Coating Drywall	Rm 3
635	11	"	Rm 7
636	12	"	Rm 4
637	13	1x1 Ceiling tile	Rm 3
638	14	Window Putty	Rm 4
639	15	"	Rm 6
640	16	Shingles	Roof
641	17	Shingles	"
642	18	Felt	"
643	19	Dir O Cell	Basement
644	20	Window Putty	Basement stored window
645	21	Transit Joints	

Date	Time	Signature	Date	Signature
7-20-07		<u>[Signature]</u>	7/23/07	<u>[Signature]</u>

**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

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**CERTIFICATES**

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# WEST VIRGINIA

Asbestos Program

Arvin G. Gibbs

IS LICENSED AS AN

**ASBESTOS INSPECTOR**

License # AI005043

Issued 7/29/2008

Expires 7/31/2009

*Randy C. Curtis* Dir., WV RTIA DIV

*Who has successfully completed the below course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements set forth in 40 CFR Part 763 (AHERA) for purposes of accreditation required under TSCA Title II. This course was conducted by Astar Abatement, Incorporated.*

# This Certificate is Awarded to

## Arvin Gibbs

### Asbestos Inspector Refresher

Course Start Date

2/8/2008

Exam Date

2/8/2008

Expiration Date

2/8/2009

Total Hours

4

Certificate Number

AC13107-132

Gregory A. Pauley  
Instructors Name  
*Gregory A. Pauley*  
Instructor's Signature

There is a printed watermark below the Instructors signature on the original

### ASTAR ABATEMENT, INC

*Quality Safety Reliability*

Post Office Box 13533

Sissonville, West Virginia 25360

Phone: (304) 984-4030

Fax: (304) 984-4031



**WEST VIRGINIA**

Asbestos Program  
Robert C. Smith  
IS LICENSED AS AN

ASBESTOS INSPECTOR

License # A1005044  
Issued: 7/29/2008  
Expires: 7/31/2009

Randy C. Curtis DIR., WV RTIA DIV.

**This Certificate is Awarded to**

**Robert C. Smith**

*Who has successfully completed the below course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements set forth in 40 CFR Part 763 (AHERA) for purposes of accreditation required under TSCA Title II. This course was conducted by Astar Abatement, Incorporated.*

**Asbestos Inspector Refresher**

Course Start Date

2/8/2008

Total Hours

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Exam Date

2/8/2008

Certificate Number

AC13107-131

Expiration Date

2/8/2009

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Post Office Box 13533

Sissonville, West Virginia 25360

Phone: (304) 984-4030

Fax: (304) 984-4031

Gregory A. Pauley  
Instructor's Name

*Gregory A. Pauley*  
Instructor's Signature

There is a printed watermark below the instructor's signature on the original



**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

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**CERTIFICATES**

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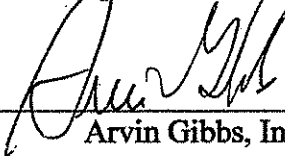
**ASBESTOS INSPECTION REPORT  
OF  
ONE (1) STRUCTURE  
SCHEDULED FOR DEMOLITION IN  
BECKLEY, WV**

**To  
Denver Davis  
Astech Corporation  
Rt. 1 Box 479 A  
Charleston, WV**

**Old Boiler Plant  
Pinecrest Hospital  
Beckley, WV**

November 2008

Prepared and Submitted by



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Arvin Gibbs, Inspector

## Table of Contents

Executive summary	Page 3
Introduction, Scope of Work	Page 4
Building description and summary	Page 5-6
Drawing	Page 7
Asbestos bulk analysis	Page 8
Certificates	Page 9

**Pinecrest Hospital****105 So. Eisenhower Drive, B Beckley, WV****EXECUTIVE SUMMARY**

Building name: Old Boiler Plant  
 Building address: 105 South Eisenhower Drive  
 Beckley, WV 25801  
 Building owner: Pinecrest Hospital  
 Contact name: Denver Davis  
 Building description: Approximately 4490 Square foot structure  
 Construction date: Unknown  
 Inspection date: April 11, 2007  
 Inspector: Mr. Robert C. Smith AI004049  
 Mr. Arvin Gibbs AI004048

**Asbestos containing materials**

QUANTITY	MATERIALS	% ASBESTOS	LOCATION
Approx. 3500 Sq Ft	ASB Insulation	23% Chrysotile	3 Boiler Tops/between brick and metal
Approx 145 Linear Ft	Pipe Insulation	42% Chrysotile	Boiler Room/ Top of Boilers
Approx 180 Square Ft	ASB Insulation	24% Chrysotile	End Caps All Boilers
Asbestos Debris	ASB Insulation	23% Chrysotile	Floors, Cat walks, Beams, throughout
Approx 570 Linear Ft	Pipe Insulation	98% Chrysotile	All Tunnel Piping
Approx 260 Square Ft	Pipe Insulation	35% Chrysotile	1 <sup>st</sup> Room Entry Room 1
Approx. 36 Linear Ft	Pipe Insulation	28% Chrysotile	Room 3
Approx. 36 Square Ft	Linoleum	23% Chrysotile	Room 4 Bathroom
Approx. 46 Windows	Window Putty	7% Chrysotile	All windows

## INTRODUCTION

Pinecrest Hospital requested an asbestos inspection of the Old Boiler Plant at 105 South Eisenhower Drive, Beckley, WV. This structure has been scheduled for demolition.

Mr. Robert Smith, EPA Accredited and WV Licensed Inspector (WV License No. AI005044), assisted by Mr. Arvin Gibbs, EPA Accredited and WV Licensed Inspector (WV License No. AI005043) inspected this structure on April 10, 2007. **A walk through re inspection was conducted on November 13, 2008.**

52 samples were collected, after splits 59 were analyzed, and reported.

This inspection report contains the following;

A Building description and summary with description, location, quantity and results of the laboratory analysis of each suspected asbestos containing material.

A Laboratory sample analysis.

The Certificates and license number of the inspector and analytical laboratory.

## SCOPE

The goal of this inspection is to locate and quantify any asbestos containing materials located in or on this structure. Samples were taken from areas based upon both selective and random sampling strategies depending upon the nature of the suspect material and its condition, size, and type.

Non-destructive sampling is taking small samples of material, in areas that are hidden (behind doors, electric switch plates etc.). These locations are not be marked at the sampling point unless requested by the client.

In general, non-destructive sampling will be utilized, unless the inspector suspected asbestos containing material to be located in an inaccessible area, such as pipe insulation in a wall. The inspector, if possible, may have removed a portion of the interfering material to gain sampling access. **However, demolition and renovation contractors should be alert that non-sampled asbestos containing materials might be present in such inaccessible areas. These areas include metal and concrete type coverings that cannot be removed during an initial inspection.**

Each sample was assigned a unique sample identification number composed of a four (4) or five (5) -digit identification code.

### BUILDING DESCRIPTION AND SAMPLE SUMMARY

**General notes:**        **Bolded descriptions indicate an asbestos containing material.**  
                              **Sample numbers following the named suspected material indicate the**  
                              **samples were taken in that area of the structure.**

#### **EXTERIOR DESCRIPTION**

- This structure is the Old Boiler Plant on the hospital property.
- This structure has approximately 4490 square feet of non asbestos layered roofing.
- **46 Windows have Asbestos containing window putty.**

#### **INTERIOR DESCRIPTION**

- The interior floors are concrete.
- The walls are concrete and block.
- The ceilings are concrete with metal beams.
- **Asbestos debris scattered on beams, floors, and catwalks around boilers.**
- **Abatement contractors should be aware that some metal and concrete coverings could contain asbestos insulation underneath them. This is beyond the ability of the inspectors to remove without a demolition contractor.**
- **Owners of this property must be aware that Asbestos Debris from boiler end caps and pipe insulation has deteriorated and broken apart. This insulation debris has been scattered all over the boiler tops, cat walks, concrete flooring, window areas, and fiberglass insulation. This insulation was scattered by birds, rodents, raccoons and wind. Raccoons were present in the boiler room at the time of re inspection. This insulation has been carried into areas that normally would not have asbestos insulation, therefore contaminating all areas of the boiler plant.**

**Room 1, Entry Room**

- This room contains approximately 260 linear feet of pipe insulation.
- Asbestos insulation debris on floors and equipment.

**Room 2, Boiler Room**

- This room has Asbestos debris scattered throughout on the floor, equipment and beams.
- The boilers have approximately 3500 square feet of cement type insulation between the metal and brick on top of three boilers
- There is approximately 145 linear feet of pipe insulation on top of all boilers.
- There is approximately 180 square feet of Asbestos insulation on all the moon shaped end caps of the boilers. Removal contractors should be aware that this insulation could be all the way across these tanks behind the end caps, there are nine tanks through these boilers.
- The metal covering on the ends of the boilers could have asbestos hidden behind each section on each boiler.
- There are asbestos containing gaskets behind boiler doors.

**Room 3, to right of entry room 1**

- The floor is concrete covered with Asbestos debris.
- There is approximately 36 linear feet of Asbestos pipe insulation
- Equipment and furniture in area covered with Asbestos debris and dust.

**Room 4, Bathroom**

- The floor has approximately 36 square feet of Asbestos containing linoleum.

**Room 5,**

- Asbestos debris scattered throughout this room.

**Room 6, Tunnel**

- This tunnel contains approximately 570 linear feet of pipe insulation.

**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

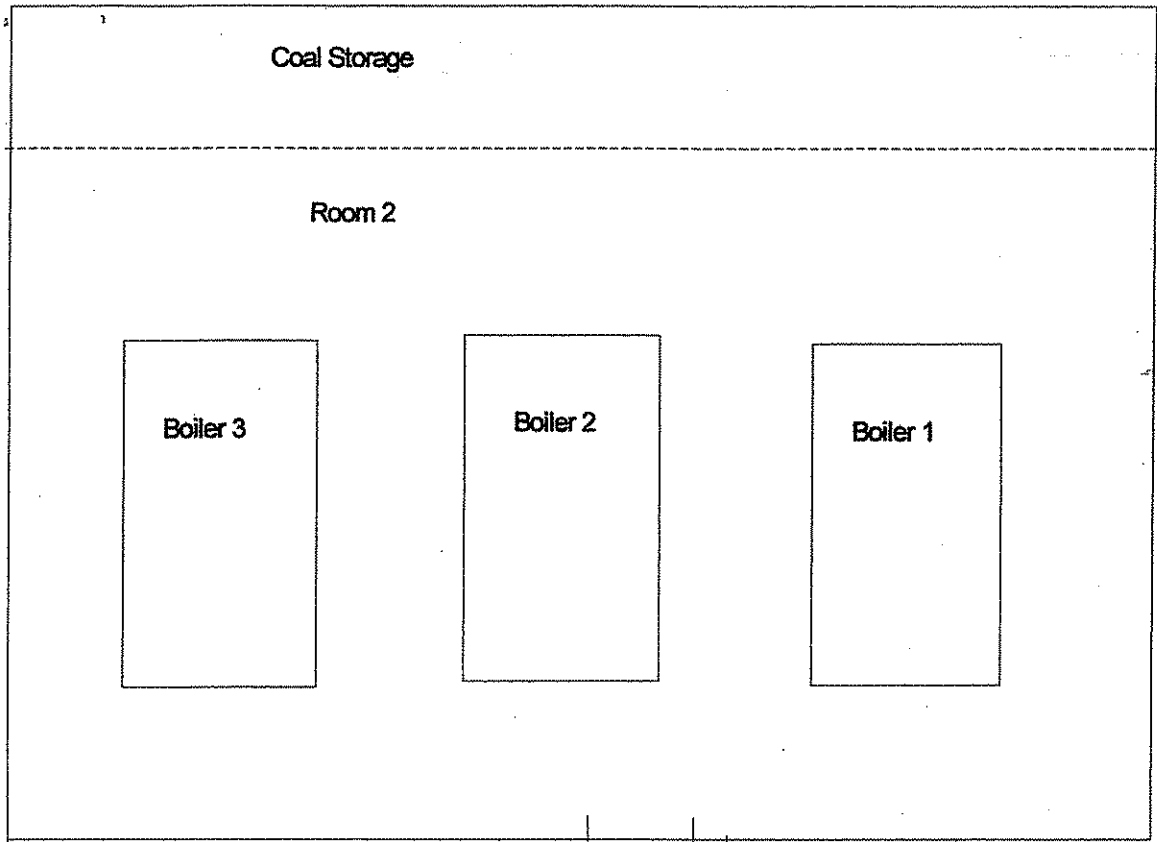
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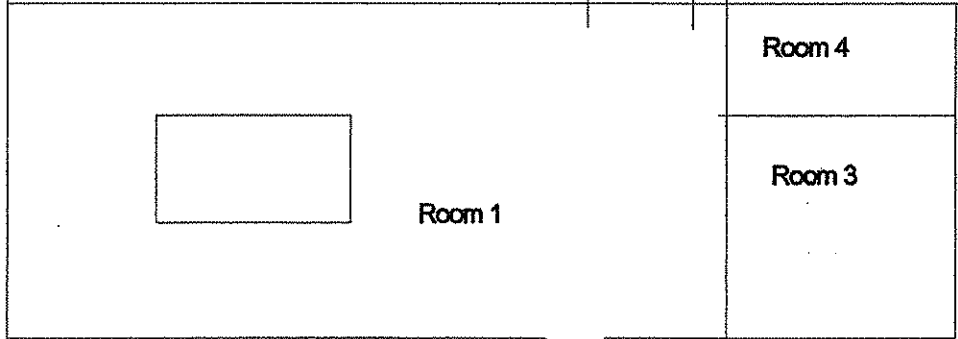
**DRAWINGS**

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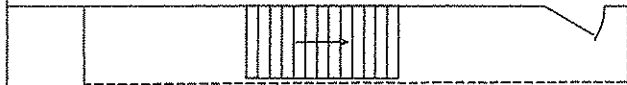




45 } Roofing  
 46 }  
 47 }  
 48 }



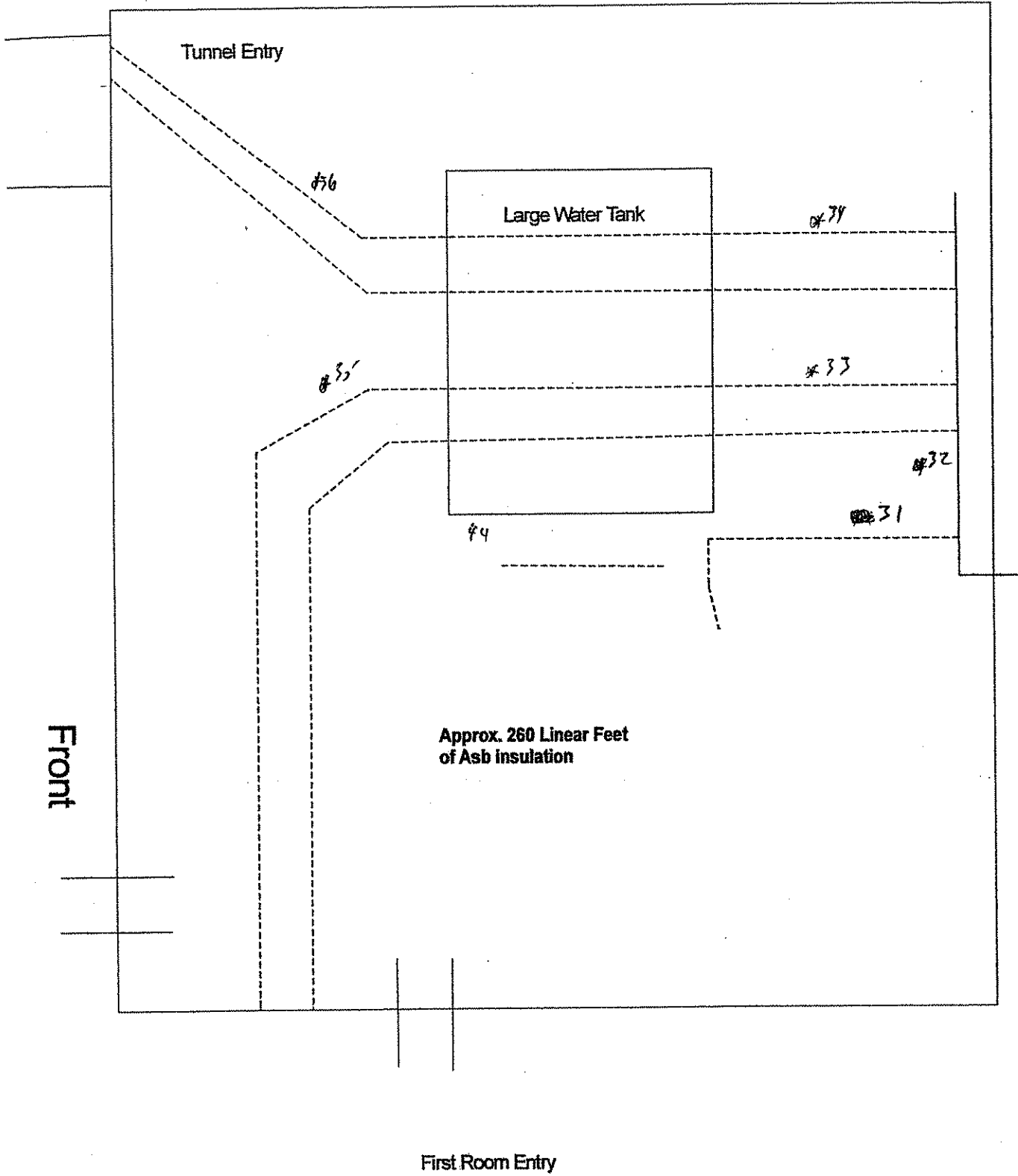
49-50 Window  
 Putty



Front Entry

Old Boiler Plant  
 Overview

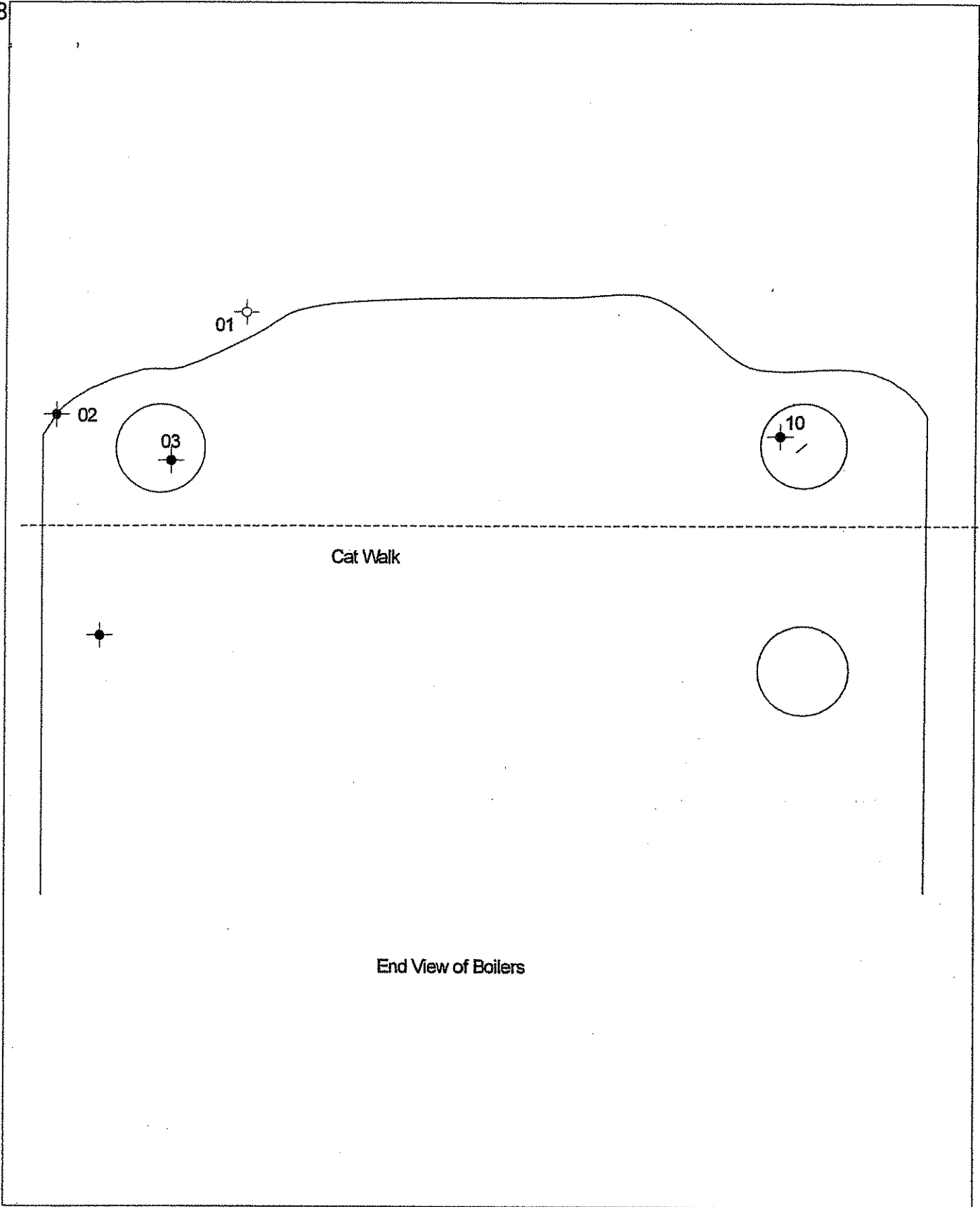
Tunnel



By; agg

Date; April 11, 2007

Pinecrest Hospital



By: agg

Date; April 11, 2007

Pinecrest Hospital

Approx. 3500 Square feet  
Insulation between brick and  
metal on boilers, includes all 3  
boilers

Asb. Insulation and Debris  
under these areas floor  
and ceiling under boilers  
this end.

Approx 145 Linear feet  
of insulation on piping  
on top of all boilers

Approx. 180 Square feet  
of insulation on all end caps  
total of 3 boilers

End caps

Approximately 3000 square feet Asbestos debris and Asb dust  
spread throught out the area in all  
rooms of plant. On ground, ceiling beams  
catwalks, and Asb dust on fiberglass  
insulation.

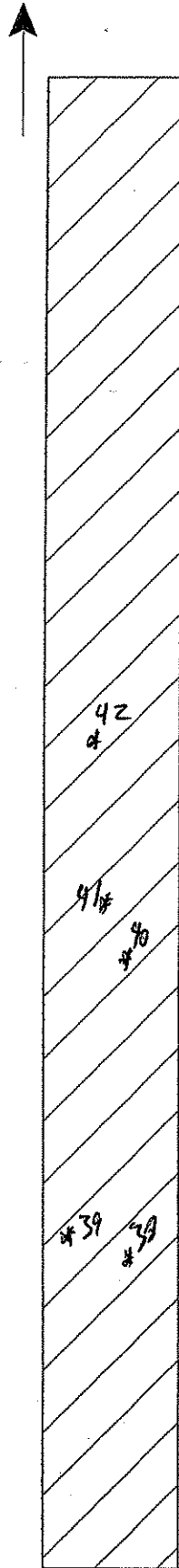
Boiler Room

By; agg

Date; April 11, 2007

Pinecrest Hospital

Toward Hospital



Approx. 570 Linear feet  
of pipe insulation through  
tunnel, 8" pipe

Tunnel

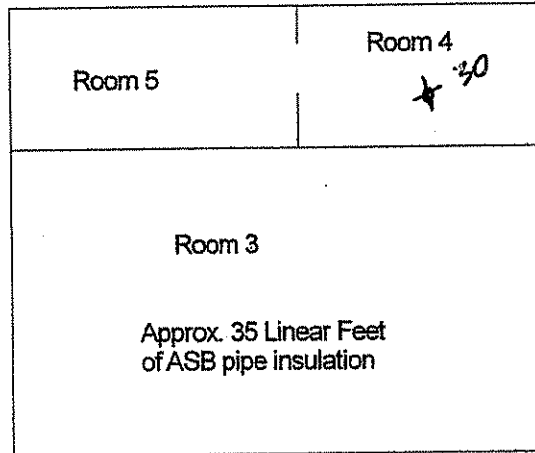
Toward Boiler Plant

By: agg

Date: April 11, 2007

Pinecrest Hospital

Approx. 36 Square feet  
of ASB containing Linoleum  
Room 4



By: agg

Date: April 11, 2007

Pinecrest Hospital

**Pinecrest Hospital**

**105 So. Eisenhower Drive, B Beckley, WV**

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**ASBESTOS BULK ANALYSIS**

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Samples Analyzed at:  
**Asbestos Testing Inc**  
**5205 Noyes Avenue**  
**Charleston, WV 25304**

Additional samples analyzed at:  
**Pinnacle Environmental**  
**Hurricane, WV**





# Asbestos Identification by Polarized Light Microscopy

## Analysis Report



200 Prestige Park  
 Hurricane, West Virginia  
 25526  
 Phone: 304-757-5204  
 Fax: 304-757-5205

NVLAP LAB CODE: 200718-0

License #: LT000330

Attn: R. Chadwick Smith  
 Best Home Inspection, LLC  
 2313 South Walnut Drive  
 St. Albans, WV 25177

Received Date: 11/14/2008  
 Analysis Date: 11/17/2008

PEC Project #:  
 Client Project/PO #:

RE: Pinecrest Hospital (Old Boiler) - Beckley, WV

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33738	1113-01	Boiler #3 (Top) Between Brick	Grey
Texture/Description: Solid/Mortar			
TOTAL ASBESTOS: 0 %			
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%
Chrysotile: 0%	Amosite: 0%	Tremolite: 0%	Anthophyllite: 0%
		Actinolite: 0%	Crocidolite: 0%

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33739	1113-02	Boiler #3 (Top) under Brick	Grey
Texture/Description: Solid/Insulation			
TOTAL ASBESTOS: 20%			
Cellulose: 0%	Fiber Glass: 5%	Others: 0%	Filler/Binder: 75 %
Chrysotile: 20%	Amosite: 0%	Tremolite: 0%	Anthophyllite: 0%
		Actinolite: 0%	Crocidolite: 0%

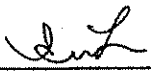
PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33740	1113-03	Rear Left @ Top of Boiler	Black
Texture/Description: Solid/Insulation			
TOTAL ASBESTOS: 3 %			
Cellulose: 0%	Fiber Glass: 50%	Others: 0%	Filler/Binder: 47 %
Chrysotile: 3%	Amosite: 0%	Tremolite: 0%	Anthophyllite: 0%
		Actinolite: 0%	Crocidolite: 0%

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33741	1113-04	Boiler #2 Inside Manhole	Grey
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%
Chrysotile: 0%	Amosite: 0%	Tremolite: 0%	Anthophyllite: 0%
		Actinolite: 0%	Crocidolite: 0%

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
08WB-33742	1113-05	Rear of Boilers on Metal	Silver
Texture/Description: Solid/Paint			
TOTAL ASBESTOS: 0 %			
Cellulose: 0%	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%
Chrysotile: 0%	Amosite: 0%	Tremolite: 0%	Anthophyllite: 0%
		Actinolite: 0%	Crocidolite: 0%

RE: Pinecrest Hospital (Old Boiler) - Beckley, WV

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used as an endorsement for NVLAP or any other government agency.

Analyzed by:  \_\_\_\_\_  
Tina Long

*Asbestos Testing Inc. 5205 Noyes Ave. Charleston WV 25304*

ID	Client	Laboratory ID	Client ID	Date	Sample Location	Color	Total Asbestos Present (%)	Fibrous Material(s)	Non-fibrous Materials	Sample Homogeneity
3944	BHI	bhi-041307-001	1	4-12-07	cement coating, boiler 3	brown	none detected		44-perlite, 59-binder	yes
3945	BHI	bhi-041307-002	2	4-12-07	insulation	gray	23-chrysotile		77-clay	yes
3946	BHI	bhi-041307-003	3	4-12-07	insulation	brown	42-chrysotile		58-clay	yes
3947	BHI	bhi-041307-004	4	4-12-07	insulation	white	38-chrysotile		62-clay	yes
3948	BHI	bhi-041307-005	5	4-12-07	insulation	white	38-chrysotile		62-clay	yes
3949	BHI	bhi-041307-006	6	4-12-07	insulation	white	36-chrysotile		64-clay	yes
3950	BHI	bhi-041307-007	7	4-12-07	insulation	white	38-chrysotile		62-clay	yes
3951	BHI	bhi-041307-008	8	4-12-07	insulation	white	29-chrysotile		71-clay	yes
3952	BHI	bhi-041307-009	9	4-12-07	pipe wrap	black	none detected	22-fibrous glass	78-binder	yes
3953	BHI	bhi-041307-010	10	4-12-07	insulation	brown	16-chrysotile	21-fibrous glass	63-clay	yes
3954	BHI	bhi-041307-011	11	4-12-07	elbow	white	none detected	18-fibrous glass	82-clay	yes
3955	BHI	bhi-041307-012	12	4-12-07	insulation	white	24-chrysotile		76-clay	yes
3956	BHI	bhi-041307-013	13	4-12-07	cement coating	gray	none detected		44-quartz, 56-binder	yes
3957	BHI	bhi-041307-014	14	4-12-07	elbow	white	none detected	18-fibrous glass	82-clay	yes
3958	BHI	bhi-041307-015	15	4-12-07	insulation	green	12-chrysotile	88-fibrous glass		yes
3959	BHI	bhi-041307-016	16	4-12-07	insulation	brown	18-chrysotile	23-fibrous glass	59-clay	yes

3960	BHI	bhi-041307-017	17	4-12-07	insulation	white	✓	36-chrysotile		64-clay	yes
3961	BHI	bhi-041307-018	18	4-12-07	insulation	white	✓	35-chrysotile		65-clay	yes
3962	BHI	bhi-041307-019	19	4-12-07	cement type insulation	gray		none detected		43-quartz, 57-binder	yes
3963	BHI	bhi-041307-020	20	4-12-07	cement type insulation	black		none detected		52-quartz, 48-binder	yes
3964	BHI	bhi-041307-021	21	4-12-07	insulation	gray	✓	21-chrysotile	18-fibrous glass	61-binder	yes
3965	BHI	bhi-041307-022	22	4-12-07	insulation	gray	✓	18-chrysotile	82-fibrous glass		yes
3966	BHI	bhi-041307-023	23	4-12-07	insulation	white	✓	29-chrysotile		71-clay	yes
3967	BHI	bhi-041307-024	24	4-12-07	insulation liner	gray		none detected		24-quartz, 76-binder	yes
3968	BHI	bhi-041307-025	25	4-12-07	liner	red/brown		none detected		28-quartz, 72-binder	yes
3969	BHI	bhi-041307-026	26	4-12-07	liner	yellow		none detected		47-quartz, 53-binder	yes
3970	BHI	bhi-041307-027	27	4-12-07	liner debris	gray/white		none detected		47-quartz, 53-binder	yes
3971	BHI	bhi-041307-028	28	4-12-07	insulation	tan		none detected	11-fibrous glass	89-perlite	yes
3972	BHI	bhi-041307-029	29	4-12-07	cement	gray		none detected		44-quartz, 56-binder	yes
3973	BHI	bhi-041307-030	30	4-12-07	linoleum	brown/white/blue	✓	23-chrysotile		77-vinyl	yes
3974	BHI	bhi-041307-031	31	4-12-07	pipe insulation	white	✓	32-chrysotile		68-clay	yes
3975	BHI	bhi-041307-032	32	4-12-07	pipe insulation	white	✓	32-chrysotile		68-clay	yes
3976	BHI	bhi-041307-033	33	4-12-07	pipe insulation	white	✓	38-chrysotile		62-clay	yes
3977	BHI	bhi-041307-034	34	4-12-07	pipe insulation	white	✓	32-chrysotile		68-clay	yes

3978	BHI	bhi-041307-035	35	4-12-07	pipe insulation	white		32-chrysotile		68-clay	yes
3979	BHI	bhi-041307-036	36	4-12-07	pipe insulation	white		36-chrysotile		64-clay	yes
3980	BHI	bhi-041307-037	37	4-12-07	mud joint	beige		21-chrysotile		79-clay	yes
3981	BHI	bhi-041307-038	38	4-12-07	pipe insulation	white		29-chrysotile		71-clay	yes
3982	BHI	bhi-041307-038	38	4-12-07	air-cell	white		93-chrysotile	7-cellulose		no
3983	BHI	bhi-041307-039	39	4-12-07		black		48-chrysotile	14-cellulose	38-binder	no
3984	BHI	bhi-041307-040	40	4-12-07	air-cell	white		98-chrysotile	2-cellulose		no
3985	BHI	bhi-041307-040	40	4-12-07		black		46-chrysotile	15-cellulose	39-binder	no
3986	BHI	bhi-041307-041	41	4-12-07	air-cell	white		97-chrysotile	3-cellulose		no
3987	BHI	bhi-041307-042	42	4-12-07	air-cell	white		98-chrysotile	2-cellulose		no
3988	BHI	bhi-041307-042	42	4-12-07		black		47-chrysotile	15-cellulose	38-binder	no
3989	BHI	bhi-041307-043	43	4-12-07	silver paint	silver		none detected		100-binder	yes
3990	BHI	bhi-041307-044	44	4-12-07	silver paint	silver		none detected		100-binder	yes
3991	BHI	bhi-041307-045	45	4-12-07	layered roofing	black		none detected	76-cellulose	24-binder	no
3992	BHI	bhi-041307-045	45	4-12-07		black		none detected	76-cellulose	24-binder	no
3993	BHI	bhi-041307-046	46	4-12-07	layered roofing	black		none detected	71-cellulose	29-binder	no
3994	BHI	bhi-041307-046	46	4-12-07		black		none detected	76-cellulose	24-binder	no
3995	BHI	bhi-041307-047	47	4-12-07	layered roofing	black		none detected	76-cellulose	24-binder	no

3996	BHI	bhi-041307-047	47	4-12-07		black	none detected	76-cellulose	24-binder	no
3997	BHI	bhi-041307-048	48	4-12-07	layered roofing	black	none detected	63-cellulose	37-binder	no
3998	BHI	bhi-041707-048	48	4-12-07		black	none detected	63-cellulose	37-binder	no
3999	BHI	bhi-041707-049	49	4-12-07	window putty	white	7-chrysolite		93-binder	yes
4000	BHI	bhi-041707-050	50	4-12-07	window putty	black	6-chrysolite		94-binder	yes
4001	BHI	bhi-041707-051	51	4-12-07	window putty	beige	5-chrysolite		95-binder	yes
4002	BHI	bhi-041707-052	52	4-12-07	window putty	black/beige	5-chrysolite		95-binder	yes

*Sam Zell* 4/20/07



Asbestos Sample Log / Chain of Custody

Client: \_\_\_\_\_

Inspector: *ASB* *R Smith*

BHI Job# \_\_\_\_\_

Date: *4-11-07* / *4-12*

Same Day

24 Hour 3 Days

Property Address: *Pine Crest Hospital*

*Old Boiler plant*

*Berkeley CA*

Sample #	Description / Material	Location
P 01	Cement Coating Top	Boiler 3
P 02	Insulation Bottom	under Bricks Boiler 3
P 03	Insulation	End Boiler Cap
P 04	"	Pipes run top Boiler 3
P 05	"	"
P 06	"	"
P 07	"	"
P 08	"	Pipe run Boiler 3
P 09	Pipe wrap	over fiber glass " "
P 10	Insulation	End Boiler Cap B 3
P 11	90° Jolnt	Boiler 3
P 12	Insulation	End Boiler Cap Boiler 2
P 13	Cement Coating	Boiler 2
P 14	90° Jolnt	Boiler 1
P 15	Insulation	End Boiler Cap Boiler 1
P 16	Insulation	End Boiler Cap Boiler 2
P 17	Insulation	Pipe run Boiler 2
P 18	Insulation	Pipe run Boiler 1
P 19	Cement type Insulation	under bricks Boiler 2
P 20	Cement type Insulation	over bricks Boiler 2
P 21	Insulation	Boiler end cap
P 22	Insulation	Boiler end cap
P 23	Insulation	Vertical pipe Boiler 1 + 2
P 24	Insulation Liner	Inside Boiler 3 Bottom
P 25	Liner	Boiler 3 draft door
P 26	Liner	Boiler 2 draft door
P 27	Liner debris	Bottom Boiler 2
P 28	Insulation	Around Boiler 1
P 29	Cement type	Lower Boiler Cap Boiler 2
P 30	Linoleum	Booth room
P 31	Pipe Insulation	Entry Room
P 32	" "	" "
P 33	" "	" "
P 34	" "	" "
P 35	" "	" "

Relinquished by	Date	Time			
<i>ASB</i>	<i>4/13/07</i>				



### Asbestos Sample Log / Chain of Custody

Client: \_\_\_\_\_ Inspector: \_\_\_\_\_

BHI Job# \_\_\_\_\_ Date: 4-11-07 7412 Same Day 24 Hour 3 Days

Property Address: Pine Crest Hospital old Boiler Plant, Beckley WV

Sample #	Description / Material	Location
P- 36	Pipe Insulation	Entry Room
P- 37	Mud joint 45°	Tunnel entry
P- 38	Pipe Insulation	Tunnel
P- 39	Air Cell ?	Tunnel
P- 40	"	
P- 41	"	
P- 42	"	
P- 43	Silver Paint	Boilers
P- 44	Silver Paint	RM / Holding tank
P- 45	Layered Roofing	Lower Roof
P- 46	" "	Upper Roof
P- 47	" "	"
P- 48	" "	"
P- 49	Window Putty	Tunnel
P- 50	" "	Boiler Building
P- 51	" "	" "
P- 52	" "	" "

Relinquished by	Date	Time		
<u>Chris [Signature]</u>	<u>4/13/07</u>			



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**CERTIFICATES**

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**WEST VIRGINIA**

Asbestos Program

Robert C. Smith

IS LICENSED AS AN

ASBESTOS INSPECTOR

License # A1005044

Issued: 7/29/2008

Expires: 7/31/2009

*Kandy C. Little* Dir., WV RTIA DIV

**This Certificate is Awarded to**

**Robert C. Smith**

*Who has successfully completed the below course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements set forth in 40 CFR Part 763 (AHERA) for purposes of accreditation required under TSCA Title II. This course was conducted by Astar Abatement, Incorporated.*

**Asbestos Inspector Refresher**

Course Start Date  
2/8/2008

Total Hours  
4

Exam Date  
2/8/2008

Certificate Number  
AC13107-131

Expiration Date  
2/8/2009

Gregory A. Pauley  
Instructor's Name

*Gregory A. Pauley*  
Instructor's Signature

There is a printed watermark below the Instructor's signature on the original

**ASTAR ABATEMENT, INC**

*Quality Safety Reliability*

Post Office Box 13533

Sissonville, West Virginia 25360

Phone: (304) 984-4030

Fax: (304) 984-4031



# WEST VIRGINIA

Asbestos Program

Arvin G. Gibbs

IS LICENSED AS AN

ASBESTOS INSPECTOR

License # AI005043

Issued 7/29/2008

Expires 7/31/2009

*Randy C. Curtis* Dir., WV RTIA DIV

*Who has successfully completed the below course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements set forth in 40 CFR Part 763 (AHERA) for purposes of accreditation required under TSCA Title II. This course was conducted by Astar Abatement, Incorporated.*

# This Certificate is Awarded to

## Arvin Gibbs

### Asbestos Inspector Refresher

Course Start Date

2/8/2008

Exam Date

2/8/2008

Expiration Date

2/8/2009

Total Hours

4

Certificate Number

AC13107-132

### ASTAR ABATEMENT, INC

*Quality Safety Reliability*

Post Office Box 13533

Sissonville, West Virginia 25360

Phone: (304) 984-4030

Fax: (304) 984-4031

Gregory A. Pauley  
Instructor's Name

*Gregory A. Pauley*  
Instructor's Signature

There is a printed watermark below the Instructor's signature on the original