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2010 ASBESTOS REINSPECTION REPORT

DEPARTMENT OF VETERANS AFFAIRS
VA MEDICAL CENTER
ALED A. LUTZ
1500 WEISS STREET
SAGINAW, MI 48602

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Prepared by: MIS CORPORATION - MICHIGAN

Certified Industrial Hygienist: Michael Tillotson, CIH, CHMM

Reviewed by: Anne V. Schultz (A1880)

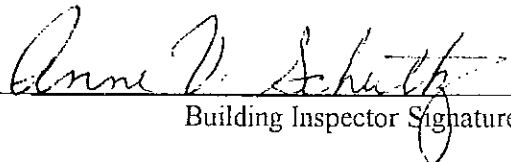
Inspectors: Ted Allen (A8654) and Louis Laframboise (A10684)

Date: July 14 - 15, 2010


COVER STATEMENT - ASBESTOS SURVEY REINSPECTION REPORT

1. The attached Asbestos Reinspection and Assessment Report have been prepared for the VA Medical Center, 1500 Weiss Street, Saginaw, MI 48602. This report covers Buildings #1, 2, 3, 4, 6 and 9 at the Medical Center.
2. I certify that this report reflects accurately the location, condition, and quantity of Asbestos Containing Building Materials (ACBM) in accessible areas only.
3. I certify that this report was prepared in accordance with all applicable regulations and reflect the asbestos policy of the VA.

Prepared by: MIS Corporation - Michigan

 Anne V. Schultz A1880 August 3, 2010
Building Inspector Signature, Name & Number Date

Reviewed by: TEOC Tillotson Environmental Occupational Consulting

 # 1208 8/5/10
Certified Industrial Hygienist Certificate # Date

INTRODUCTION

The attached report has been completed by MIS Corporation - Michigan on behalf of the VA Medical Center. The inspection was performed by Ted Allen (A8654) and Louis Laframboise (A10684); State of Michigan accredited asbestos building inspectors, on July 14 - 15, 2010. The report was developed pursuant to the initial Asbestos Survey (performed by others) at the Aleda E. Lutz Medical Center located at 1500 Weiss Street in Saginaw, Michigan 48602. The buildings consist of approximately 188,628 square feet and were built in the late 1950's. The VA Medical Center occupies all of the buildings.

PURPOSE AND SCOPE OF WORK

The main purpose of this reinspection report is to determine the current condition of previously identified friable and non-friable Asbestos Containing Building Materials (ACBM) located in the VA Medical Center Buildings 1, 2, 3, 4, 6 and 9. Another purpose of the report is to verify areas where asbestos remediation was performed and verify the extent of the repairs and/or abatement. No asbestos-containing materials could be found in Building 2. Due to renovation in some areas (Bldg. 1 2nd and 4th floors), additional asbestos containing materials were revealed and others have been removed.

The VA Medical Center adopted a new room number sequence this year. To eliminate confusion, the asbestos inventory sheets list the new room identification along with the previous room number. Care needs to be used when referring to room numbers to determine if asbestos is present within the space. For the corridors the boundaries were not clearly defined and several corridor numbers were eliminated. Therefore quantities were combined. This is best illustrated in the basement level where we went from 16 corridors down to only five. Listed below are the new corridor numbers for the basement level along with the previous corridor identification.

New Corridor Number	Previous Corridor Number
Corridor 1	C-B-1 (No ACM)
Corridor 2	C-B-2, C-B-3, C-B-4 & C-B-5
Corridor 3	C-B-6 (No ACM)
Corridor 4	C-B-7, C-B-8, C-B-9
Corridor 5	C-B-10, C-B-11, C-B-12, C-B-13, C-B-14, C-B-15 & C-B-16

The report format follows the AHERA Assessment Model. Response categories were assigned based on the assessment categories for the friable asbestos containing materials.

This survey may be used as a first reference but cannot be looked upon as a comprehensive listing of all ACBM present. Neither the inspectors(s) nor MIS will be held accountable for ACBM(s) located in inaccessible areas or potential ACBM(s) located in rooms that were not identified in the initial survey.

SAMPLING AND ANALYSIS

At the request of the VA Representative, additional samples were collected of the materials found in the basement level condensate pit located in room 1-B133. In question were three lines which had straight runs of fiberglass with mudded fittings. Three new homogeneous areas were assigned to the mudded fittings.

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They are as follows:

1. HA 49 - Mud Pipe Joints on Fiberglass Pipe Insulation, Medium Steam Line, 6" - 10"
2. HA 50 - Mud Pipe Joints on Fiberglass Pipe Insulation, Steam Line 4" - 6"
3. HA 51 - Mud Pipe Joints on Fiberglass Pipe Insulation, Condensate Line 2" - 4"

In accordance with AHERA, three samples of each HA were collected, labeled and submitted to an accredited laboratory for asbestos determination via polarized light microscopy (PLM). All samples were submitted to Environmental Hazards Services, L.L.C. of Richmond, VA., which is an AIHA (American Industrial Hygiene Association) and NVLAP (National Voluntary Laboratory Accreditation Program) as administered by NIST (National Institute of Standards and Technology) accredited laboratory.

Sample information and analytical results are found in attachment II. All three samples for each HA were negative for asbestos fibers thus no labeling was required or inclusion on the room inventory log.

ASSESSMENT OF ACM

All asbestos containing materials were assessed according to EPA regulations for the following considerations: type of ACM, friability, physical condition of ACM and the potential for future damage (air erosion, water damage, vibration), and accessibility.

Since the majority of the TSI is found above ceilings or other relatively inaccessible areas, disturbance is unlikely. Floor tiles that contain asbestos see fairly heavy traffic; in general the flooring is in good condition or covered with other flooring. Maintenance personnel should follow the requirements of floor maintenance outlined in OSHA's revised asbestos regulation 1910.1001(k) (7):

- Sanding of flooring material is prohibited.
- Stripping of finishes shall be conducted using low abrasion pads at speeds lower than 300 rpm and wet methods.
- Burnishing or dry buffing may be performed only on flooring which has sufficient finish so that the pad cannot contact the flooring material.
- Any outside contractors that would be working in areas that contain asbestos, a notice needs to be given to their superior as to the location and presence of asbestos.

EXPLANATION OF INACCESSIBLE AREAS

Inaccessible areas are those areas, which cannot be inspected due to physical barriers. Most buildings contain areas that are intrinsically inaccessible. These include gaps and spaces in walls, inaccessible areas above fixed ceilings and below floors, and enclosed boiler breechings and ducts. Some buildings contain other inaccessible areas, such as very small pipe chases, chases within walls, sealed crawlspaces, unsafe attics, encased piping, materials within electrical fixtures, operational equipment, etc. Care needs to be taken when demolition of any walls is to occur to ensure that piping with asbestos-containing insulation is not present within the wall cavity. The owner did not have MIS Corporation – Michigan include any

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asbestos-containing pipe insulation located within the pipe chases except what was physically visible even though sections above the pipe chase were insulated with asbestos-containing insulation.

An inaccessible area above plaster ceiling in Building #1 is Room 4217.

Carpeting or new floor tile is present in the following rooms that at one time had asbestos-containing floor tile and could not be verified as to whether the VAT was removed or gone over. These are as follows:

Bldg. 4 – Rooms 4-105, 4-212, 4-213 and 4-215

Building #6 (Power Plant) was inspected, however the piping and stacks are encased in aluminum jacketing making visual inspection impractical. The tunnel area was not accessed at this time and data from the initial report was used except that data was found showing that approximately 140 lf of steam and condensate line was abated in January 2007.

ROOM INVENTORY LOG

On the pages that follow, the reader will find the inspection data in detail organized by functional area. Previously abated asbestos containing materials were eliminated from the body of the report at the request of the VA. Explanation of items and abbreviations used on the Room Inventory Log follows.

- Bldg/Floor/New Room No. - VA Building Number, Floor number that the room number is found on and the room number on the outside of the door.
- Former Room Number – Room number used in the 2007 Asbestos Reassessment.
- ACM Type - This identifies the specific asbestos containing material by type.

Thermal System Insulation (TSI) - ACM applied to pipes, fittings, boilers, breeching, tanks, ducts or other structural components to prevent heat loss or gain. At this medical center the TSI is present in the form of straight run insulation (mag, air cell and older fiberglass), mudded fittings, duct insulation, chimney insulation and boiler stack insulation.

Surfacing Material (SM) - material that is sprayed, troweled-on or otherwise applied to surfaces (such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, and other purposes, which contain more than 1% asbestos. No surfacing materials that contain asbestos are present at this facility.

Miscellaneous Material (MM) - is any material not included in the first two (2) categories. The miscellaneous materials that are present at this facility consist of floor tile (9"x9" and 12"x12"), sink undercoating and firedoors.

- Homogeneous Material Description - This column will provide the number and description of the material, which will consider such factors as size, application and color. The number and description under the heading correspond to the Homogeneous Area List.

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- Above Ceiling - Yes indicates that the material is found above the ceiling.
- Quantity - This will have the approximate amount of material present. This number accounts for only the physically visible material and not estimated quantity that may be present within pipe chases even though the piping travels down into the chase.
- Unit - The type of measurement used to quantify the material i.e. linear feet (LF) square feet (SF) or number of fittings (FTG).
- Response Category - Response Categories were assigned to each asbestos-containing homogeneous area from the following:

- 1 Significantly damaged ACM; exposed friable ACM in airstream or plenum; ACM that has been or is likely to be disturbed and/or damaged, resulting in an exposure hazard to maintenance/service workers, and/or hospital staff and patients in the area. Category 1 should be scheduled for abatement by accredited personnel as soon as possible.

There were no Category 1 areas identified during this reassessment.

- 2 Damaged ACM in areas with limited access above ceilings, behind access panels or accessible only to maintenance and service personnel. Category 2 materials should be repaired and/or removed as soon as possible. If repaired and left in place, these materials should be included in periodic re-inspections to assess their condition.

There were several areas that had damaged pipe insulation that were identified; however most of these are above ceiling tiles and some of the areas will be removed with an upcoming heating system upgrade.

- 3 TSI with intact coverings located in inaccessible areas or mechanical rooms. Category 3 materials should be re-inspected periodically to assess their condition and abated or repaired as change in condition warrants.
- 4 Floor tiles and linoleum in offices, patient rooms, laboratories/workshops, storage areas and corridors. Category 4 materials need not be removed or abated. OSHA/EPA requirements for maintenance should be followed.

- AHERA Assess. Category - AHERA Assessment Categories:

- 1 Damaged or significantly damaged thermal system insulation ACM.
- 2 Damaged friable surfacing ACM.
- 3 Significantly damaged friable surfacing ACM.
- 4 Damaged or significantly damaged friable miscellaneous ACM.
- 5 ACBM with potential for damage.

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- 6 ACM with potential for significant damage.
- 7 Any remaining friable ACM or friable suspected ACM.
- Comments - Any useful remarks to describe damage, accessibility, or previous room identifications.

Homogeneous Area Index - VA Medical Center, Saginaw, MI

<i>HA</i>	<i>MATERIAL</i>	<i>DESCRIPTION</i>	<i>RESULTS</i>	<i>STATUS</i>	<i>QUANTITY</i>	<i>UNIT</i>
1	TSI/ Friable	Mag Type Chimney Insulation	POSITIVE		12	SF
2	TSI/ Friable	Air Cell Type Duct Insulation	POSITIVE		12	SF
3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs ≤ 2 " Pipe	POSITIVE		549	LF
4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2 " Diameter Pipe	POSITIVE		110	FTG
5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs < 2 " Pipe	POSITIVE		623	LF
6	TSI/ Friable	Mud Fittings on Steam Pipe < 2 " Diameter Pipe	POSITIVE		138	FTG
7	MM/ Nonfriable	9"x9" Floor Tile (Tan w/Brown & White Streaks)	POSITIVE		70	SF
8	TSI/ Friable	Air Cell Type Insulation on Domestic Pipe Straight Run, ≤ 2 " Pipe	POSITIVE	No Longer Present		
9	MM/ Nonfriable	Vibration Damper Connection, Grey Cloth Type on HVAC Duct	POSITIVE	No Longer Present		
10	TSI/ Friable	Mag Type Insulation on FS Pipe Straight Run	POSITIVE		6	LF
11	TSI/ Friable	Mag Type Insulation on MP Pipe Straight Run	POSITIVE		22	LF
12	TSI/ Friable	Mag Type Insulation on HP Pipe Straight Run	POSITIVE		9	LF
13	TSI/ Friable	Mag Type Insulation on LP Pipe Straight Run	POSITIVE		20	LF
14	TSI/ Friable	Mag Type Insulation on LPR Pipe Straight Run	POSITIVE		20	
15	MM/ Nonfriable	12" x 12" Floor Tile (Tan w/Brown & White Specks)	POSITIVE	No Longer Present		
16	MM/ Nonfriable	12"x12" Floor Tile (Green Apple)	POSITIVE		193	SF
17	MM/ Nonfriable	12"x12" Floor Tile (Lt Green Marble)	POSITIVE	No Longer Present		
18	MM/ Nonfriable	12"x12" Floor Tile (White w/Brown Speck Streak)	POSITIVE	No Longer Present		
19	MM/ Nonfriable	12"x12" Floor Tile (White & Grey Streaks)	POSITIVE		149	SF
20	MM/ Nonfriable	12"x12" Floor Tile (Yellow w/White)	POSITIVE	No Longer Present		

Homogeneous Area Index - VA Medical Center, Saginaw, MI

<i>HA</i>	<i>MATERIAL</i>	<i>DESCRIPTION</i>	<i>RESULTS</i>	<i>STATUS</i>	<i>QUANTITY</i>	<i>UNIT</i>
21	MM/ Nonfriable	9"x9" Floor Tile (Dark Red w/White Streaks)	POSITIVE	No Longer Present		
22	MM/ Nonfriable	Seamless Floor (Yellow Grain)	POSITIVE	No Longer Present		
23	MM/ Nonfriable	Sink Undercoating (Grey/Pink)	POSITIVE		36	SF
24	MM/ Nonfriable	Suspect 9"x9" Floor Tile (Beige w/Brown & Yellow Streaks)	POSITIVE	No Longer Present		
25	MM/ Nonfriable	Transite Board on Counter Tops	POSITIVE	No Longer Present		
26	MM/ Nonfriable	Transite Board in Fume Hoods	POSITIVE	No Longer Present		
27	TSI/ Friable	Duct Insulation	POSITIVE		1	SF
28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	POSITIVE		6249	LF
29	TSI/ Friable	Pipe Insulation (Air Cell Type) on Drain Line	POSITIVE		8	LF
30	TSI/ Friable	Pipe Insulation (Air Cell Type) Removed in Bag	POSITIVE	No Longer Present		
31	TSI/ Friable	Pipe Insulation (Mag & Air Cell Types) on Straight Runs	POSITIVE		247	LF
32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	POSITIVE		4049	LF
33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	POSITIVE		1785	FTG
34	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation	POSITIVE		36	FTG
35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	POSITIVE		416	FTG
36	TSI/ Friable	Sterilizer Insulator (Air Cell Type)	POSITIVE	No Longer Present		
37	MM/ Nonfriable	Firedoors	POSITIVE		112	SF
38	TSI/ Friable	Mud Pipe Joints on Mag & Air Cell Type Pipes	POSITIVE		73	FTG
39	MM/ Nonfriable	12"x12" Floor Tile (Red Brick)	POSITIVE	No Longer Present		
40	MM/ Nonfriable	12"x12" Floor Tile (Yellow Marble)	POSITIVE		182	SF

Homogeneous Area Index - VA Medical Center, Saginaw, MI

<i>HA</i>	<i>MATERIAL</i>	<i>DESCRIPTION</i>	<i>RESULTS</i>	<i>STATUS</i>	<i>QUANTITY</i>	<i>UNIT</i>
41	MM/ Nonfriable	12"x12" Floor Tile (Solid Orange)	POSITIVE		12	SF
42	MM/ Nonfriable	12"x12" Floor Tile (Solid Yellow)	POSITIVE		21	SF
43	MM/ Nonfriable	12"x12" Floor Tile (Solid Green)	POSITIVE		26	SF
44	MM/ Nonfriable	12"x12" Floor Tile (Cream)	POSITIVE	No Longer Present		
45	MM/ Nonfriable	Gasket Material on Boiler Doors	POSITIVE	No Longer Present		
46	TSI/ Friable	Mag Type Boiler Stack Insulation	POSITIVE		75	LF
47	TSI/ Friable	Suspect Debris Laying on Ceiling Tile	POSITIVE	No Longer Present		
48	TSI/ Friable	Pipe Wrap: White Foamy Texture	POSITIVE		1	LF
49	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Medium Steam Line, 6" - 10"	NEGATIVE			
50	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Steam Line 4" - 6"	NEGATIVE			
51	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Condensate Line 2" - 4"	NEGATIVE			

Sample Log - VA Medical Center, Saginaw, MI

Sample Number	HA ID	Material	Description	Sample Location	Results
UA-03B-01	48	TSI/ Friable	Pipe Wrap: White Foamy Texture	Bldg. 3 Basement: Line Above Outside Door on the West Wall: South End	3% Chrysotile
UA-03B-02	48	TSI/ Friable	Pipe Wrap: White Foamy Texture	Attic: Top of Stairs, 8' West, 2' South & 1' above Floor of Attic	3% Chrysotile
UA-03B-03	48	TSI/ Friable	Pipe Wrap: White Foamy Texture	Attic: 4' North of Stairs, Floor of Attic	3% Chrysotile
01	49	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Medium Steam Line, 6" - 10"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 15' South, 6' West, 8' High	No Asbestos Detected
02	49	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Medium Steam Line, 6" - 10"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 9' South, 6' West, 5' High from Mezzanine	No Asbestos Detected
03	49	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Medium Steam Line, 6" - 10"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 23' South, 8' West, 8' High	No Asbestos Detected
04	50	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Steam Line 4" - 6"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 12' North, 4' West, 5' High from Mezzanine	No Asbestos Detected
05	50	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Steam Line 4" - 6"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 8' South, 4' West, 6' High from Mezzanine	No Asbestos Detected
06	50	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Steam Line 4" - 6"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 7' South, 4' West, 5' High from Mezzanine	No Asbestos Detected
07	51	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Condensate Line 2" - 4"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 2' South, 4' East, 5' High in Pit	No Asbestos Detected
08	51	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Condensate Line 2" - 4"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northeast Corner, 2' South, 6' East, 4' High in Pit	No Asbestos Detected
09	51	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation, Condensate Line 2" - 4"	Bldg. 1 Basement, Room 1-B133 Condensate Pit: From Northwest Corner, 4' South, 8' East, 3' High in Pit	No Asbestos Detected



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Client: MIS Environmental Services Inc
3515 Janes Ave. Ste. 1
Saginaw, MI 48601

Report Number: 10-07-00111

Received Date: 07/01/2010
Analyzed Date: 07/02/2010
Reported Date: 07/06/2010

Project/Test Address: VA Medical Center Bldg 1 Basement; Saginaw, MI

Client Number:
23-2514

Fax Number:
989-753-3119 F

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
10-07-00111-001	01		Tan Powder	NAD	20% Fibrous Glass 80% Non-Fibrous
10-07-00111-002	02		Gray Powder; Yellow Fib.	NAD	30% Fibrous Glass 70% Non-Fibrous
10-07-00111-003	03		Gray Powder; Yellow Fib.	NAD	30% Fibrous Glass 70% Non-Fibrous
10-07-00111-004	04		Gray Powder; Orange Adhes.	NAD	5% Cellulose 25% Fibrous Glass 70% Non-Fibrous
10-07-00111-005	05		Gray Powder	NAD	25% Fibrous Glass 75% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 23-2514

Report Number: 10-07-00111

Project/Test Address: VA Medical Center Bldg 1 Basement;
Saginaw, MI

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
10-07-00111-006	06		Gray Powder; Orange Adhes.	NAD	5% Cellulose 25% Fibrous Glass 70% Non-Fibrous
10-07-00111-007	07		Gray Powder	NAD	30% Fibrous Glass 70% Non-Fibrous
10-07-00111-008	08		Gray Powder	NAD	30% Fibrous Glass 70% Non-Fibrous
10-07-00111-009	09		Gray Powder	NAD	30% Fibrous Glass 70% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 23-2514

Report Number: 10-07-00111

Project/Test Address: VA Medical Center Bldg 1 Basement;
Saginaw, MI

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 5-M1-1991-1

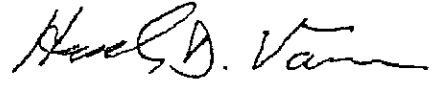
QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116

Analyst: Christian H. Schiable

Reviewed By Authorized Signatory:



Howard Varner
General Manager

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected

Laboratories

Environmental Hazards Services, LLC

www.leadlab.com
(800)347-4010
(804)275-4907 (fax)

Asbestos Chain-of-Custody

10-07-00111



Due Date:

07/06/2010
(Tuesday)

42

Company Name: M/S Environmental Services Inc

Address: 3515 James Ave. Ste. 1,

Phone: (989) 753-5599

Fax: (989) 753-3119 F

E-mail: schultz@misenv.com

10

Acct. Number: 23-2514

City/State(required)

Original with

Purchase Order Number:

10/11/2

Turn Around Times :

If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

	1-Day	X	Z-Day
1990-1991	0.0000	0.0000	0.0000
1991-1992	0.0000	0.0000	0.0000
1992-1993	0.0000	0.0000	0.0000
1993-1994	0.0000	0.0000	0.0000
1994-1995	0.0000	0.0000	0.0000
1995-1996	0.0000	0.0000	0.0000
1996-1997	0.0000	0.0000	0.0000
1997-1998	0.0000	0.0000	0.0000
1998-1999	0.0000	0.0000	0.0000
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2016-2017	0.0000	0.0000	0.0000
2017-2018	0.0000	0.0000	0.0000
2018-2019	0.0000	0.0000	0.0000
2019-2020	0.0000	0.0000	0.0000
2020-2021	0.0000	0.0000	0.0000
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2023-2024	0.0000	0.0000	0.0000
2024-2025	0.0000	0.0000	0.0000
2025-2026	0.0000	0.0000	0.0000
2026-2027	0.0000	0.0000	0.0000
2027-2028	0.0000	0.0000	0.0000
2028-2029	0.0000	0.0000	0.0000
2029-2030	0.0000	0.0000	0.0000
2030-2031	0.0000	0.0000	0.0000
2031-2032	0.0000	0.0000	0.0000
2032-2033	0.0000	0.0000	0.0000
2033-2034	0.0000	0.0000	0.0000
2034-2035	0.0000	0.0000	0.0000
2035-2036	0.0000	0.0000	0.0000
2036-2037	0.0000	0.0000	0.0000
2037-2038	0.0000	0.0000	0.0000
2038-2039	0.0000	0.0000	0.0000
2039-2040	0.0000	0.0000	0.0000
2040-2041	0.0000	0.0000	0.0000
2041-2042	0.0000	0.0000	0.0000
2042-2043	0.0000	0.0000	0.0000
2043-2044	0.0000	0.0000	0.0000
2044-2045	0.0000	0.0000	0.0000
2045-2046	0.0000	0.0000	0.0000
2046-2047	0.0000	0.0000	0.0000
2047-2048	0.0000	0.0000	0.0000
2048-2049	0.0000	0.0000	0.0000
2049-2050	0.0000	0.0000	0.0000
2050-2051	0.0000	0.0000	0.0000
2051-2052	0.0000	0.0000	0.0000
2052-2053	0.0000	0.0000	0.0000
2053-2054	0.0000	0.0000	0.0000
2054-2055	0.0000	0.0000	0.0000
2055-2056	0.0000	0.0000	0.0000
2056-2057	0.0000	0.0000	0.0000
2057-2058	0.0000	0.0000	0.0000
2058-2059	0.0000	0.0000	0.0000
2059-2060	0.0000	0.0000	0

3 - Day

2 - Day

3 - Day

Same Day (Must Call Ahead)

Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS								AIR				COMMENTS
			PLM	PLM Point Count 100	PLM N° Pulverized	PCM	TEM Counted (Balls)	TEM AHERA (air)	Time On	Time Off	Flow Rate (L/min)	Total Time (minutes)	Volume (Total Liters)		
1	01	6/30/10	✓											Mud Filting - Medium Steam	
2	02	6/30/10	✓											Mud Filting - Medium Steam	
3	03	6/30/10	✓											Mud Filting - Medium Steam	
4	04	6/30/10	✓											Mud Filting - 4"-6" Steam	
5	05	6/30/10	✓											Mud Filting - 4"-6" Steam	
6	06	6/30/10	✓											Mud Filting - 4"-6" Steam	
7	07	6/30/10	✓											Mud Filting - 4"-6" Steam	
8	08	6/30/10	✓											Mud Filting - 2"-4" Condens	
9	09	6/30/10	✓											Mud Filting - 2"-4" Condens	
10														Mud Filting - 2"-4" Condens	

Released by: NAME [Signature]

Received by: [Signature]

Signature: [Signature]

Date/Time: 6/30/10

Date/Time: 7-1-10

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	H/A No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AILERA Category	Comments
1	Basement	1-B100	60	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	36 LF	3 5	
1	Basement	1-B101	60A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	22 LF	2 1	Damage in Wall North of Column
1	Basement	1-B101	60A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		4 FTG	3 5	
1	Basement	1-B104	61	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	24 LF	3 5	
1	Basement	1-B104	61	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	7 FTG	3 5	
1	Basement	1-B105	59	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	158 LF	3 5	
1	Basement	1-B105	59	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	9 FTG	3 5	
1	Basement	1-B106	62	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	20 LF	3 5	Northeast Corner
1	Basement	1-B106	62	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	3 5	Northeast Corner
1	Basement	1-B112	64	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	25 LF	3 5	
1	Basement	1-B112	64	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	10 FTG	3 5	
1	Basement	1-B115	58	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	15 LF	2 1	Split at Joints
1	Basement	1-B115	58	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	3 FTG	3 5	
1	Basement	1-B116	58C	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	36 LF	3 5	
1	Basement	1-B118	58A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	24 LF	3 5	
1	Basement	1-B118	58A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	4 FTG	3 5	
1	Basement	1-B120	68	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe		2 FTG	2 1	Split at Fitting
1	Basement	1-B120	68	11	TSI/ Friable	Mag Type Insulation on MP Pipe Straight Run		22 LF	3 5	
1	Basement	1-B120	68	12	TSI/ Friable	Mag Type Insulation on HP Pipe Straight Run		9 LF	3 5	

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	Basement	1-B122	69	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter		1 FTG	3	5
1	Basement	1-B122	69	10	TSI/ Friable	Mag Type Insulation on FS Pipe Straight Run		6 LF	3	5 Encapsulated 10/22/2001
1	Basement	1-B124	70	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe		9 LF	3	5
1	Basement	1-B124	70	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter		1 FTG	3	5
1	Basement	1-B130	71	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	248 LF	3	5
1	Basement	1-B130	71	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter	Yes	31 FTG	3	5
1	Basement	1-B131	64A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	110 LF	3	5
1	Basement	1-B131	64A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	25 FTG	3	5
1	Basement	1-B132	72	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	77 LF	2	1 Split Seams in NE Corner
1	Basement	1-B132	72	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	16 FTG	3	5 Northeast Corner
1	Basement	1-B132	72	37	MM/ Nonfriable	Firedoors		28 SF	5	Newer Door - Not Tagged
1	Basement	1-B133	72A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		148 LF	3	5
1	Basement	1-B133	72A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		28 FTG	3	5
1	Basement	1-B140	74/75	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		20 LF	3	5
1	Basement	1-B140	74/75	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		5 FTG	3	5 Encapsulated 10/22/98
1	Basement	1-B141	54	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		110 LF	3	5
1	Basement	1-B141	54	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		24 FTG	3	5
1	Basement	1-B201	16	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	95 LF	2	1 Two Open Spots, Other Areas Encapsulated 6/15/98
1	Basement	1-B201	16	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	35 FTG	3	5

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	Basement	1-B210A	2A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	114 LF	2	Damaged Areas above Ceiling Tile in SW Corner
1	Basement	1-B210A	2A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	16 FTG	3	
1	Basement	1-B225	5	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	186 LF	3	Includes Footages in Adjacent Offices 1-B222, 1-B223, 1-B224, 1-B226 & 1-B228
1	Basement	1-B225	5	4	TSI/ Friable	Mud Fittings on Domestic Pipe $\leq 2"$ Diameter Pipe	Yes	37 FTG	3	Includes Footages in Adjacent Offices 1-B222, 1-B223, 1-B224, 1-B226 & 1-B228
1	Basement	1-B230	5F	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	168 LF	3	Includes Footage in 1-B230 & 1-B231
1	Basement	1-B230	5F	4	TSI/ Friable	Mud Fittings on Domestic Pipe $\leq 2"$ Diameter Pipe	Yes	46 FTG	3	Includes Footage in 1-B230 & 1-B231
1	Basement	1-B255	13	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		230 LF	2	Open Seams, Other Areas Encapsulated 6/15/98
1	Basement	1-B255	13	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		39 FTG	3	Encapsulated 6/15/98
1	Basement	1-B301	17	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	18 LF	3	
1	Basement	1-B301	17	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	3 FTG	3	
1	Basement	1-B305	50	23	MM/ Nonfriable	Sink Undercoating (Grey/Pink)		6 SF		5 Some Scrapped Off
1	Basement	1-B315	18	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	50 LF	2	Open Ends in Wall to Room 1-B321
1	Basement	1-B315	18	4	TSI/ Friable	Mud Fittings on Domestic Pipe $\leq 2"$ Diameter Pipe	Yes	2 FTG	3	
1	Basement	1-B321	19	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	15 LF	3	5 Southeast Corner
1	Basement	1-B321	19	4	TSI/ Friable	Mud Fittings on Domestic Pipe $\leq 2"$ Diameter Pipe	Yes	6 FTG	3	5 Southeast Corner
1	Basement	1-B324	48	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	391 LF	3	5 Encapsulated 10/22/2001
1	Basement	1-B324	48	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	107 FTG	3	
1	Basement	1-B325	21	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		154 LF	3	

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	Basement	1-B3325	21	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		70 FTG	2	1 Three Open Ends
1	Basement	1-B3326	47	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	125 LF	2	1 Open Ends
1	Basement	1-B3326	47	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	32 FTG	3	5
1	Basement	1-B3330	46	31	TSI/ Friable	Pipe Insulation (Mag & Air Cell Types) on Straight Runs		207 LF	2	1 Small Damaged Area, Encapsulated 10/22/98
1	Basement	1-B3330	46	38	TSI/ Friable	Mud Pipe Joints on Mag & Air Cell Type Pipes		33 FTG	3	5
1	Basement	1-B3332	45	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		60 LF	2	1 Open Seams & Damaged, Some Abated 01/2001
1	Basement	1-B3332	45	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		36 LF	3	5 Some Abated 01/2001
1	Basement	1-B3332	45	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		15 FTG	3	5 Some Abated 01/2001
1	Basement	1-B3332	45	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		7 FTG	3	5
1	Basement	1-B3335	42	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	100 LF	2	1 Open Ends, Some Abated 01/2001
1	Basement	1-B3335	42	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	28 FTG	3	5 Some Abated 01/2001
1	Basement	1-B3337	42A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	48 LF	3	5 Some Abated 01/2001
1	Basement	1-B3337	42A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	12 FTG	2	1 Two Open Ends, Some Abated 01/2001
1	Basement	1-B3338	42C	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs \leq 2" Pipe	Yes	52 LF	2	1 Damaged @ Splicing Point
1	Basement	1-B3338	42C	6	TSI/ Friable	Mud Fittings on Steam Pipe \leq 2" Diameter Pipe	Yes	30 FTG	3	5
1	Basement	1-B3338	42C	13	TSI/ Friable	Mag Type Insulation on LP Pipe Straight Run	Yes	20 LF	3	5
1	Basement	1-B3338	42C	14	TSI/ Friable	Mag Type Insulation on LPR Pipe Straight Run	Yes	20 LF	3	5
1	Basement	1-B3339	43	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs \leq 2" Pipe	Yes	80 LF	3	5 Some Abated 01/2001
1	Basement	1-B3339	43	6	TSI/ Friable	Mud Fittings on Steam Pipe \leq 2" Diameter Pipe	Yes	25 FTG	3	5 Some Abated 01/2001

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	Basement	1-B340	44	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		137 LF	3	5 Some Abated 01/04/01
1	Basement	1-B340	44	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		48 FTG	3	5
1	Basement	1-B340A	44A	16	MM/ Nonfriable	12"x12" Floor Tile (Green Apple)		193 SF	4	5
1	Basement	1-B340A	44A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	50 LF	3	5 Some Abated 01/04/01
1	Basement	1-B340A	44A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	20 FTG	3	5
1	Basement	1-B349	40	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	70 LF	3	3 LF Water Damage in Center of Room
1	Basement	1-B349	40	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	21 FTG	3	Debris on SW Ceiling Tile by Door, Encapsulated 6/15/98
1	Basement	1-B350	36	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	89 LF	3	5
1	Basement	1-B350	36	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	29 FTG	2	1 Damage in North End & Center
1	Basement	1-B351	36A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	78 LF	2	1 Damage in North End & Center
1	Basement	1-B351	36A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	424 LF	3	5 One Open End @ Springer Head West Wall; Others Encapsulate 6/16/98
1	Basement	1-B351	36A	38	TSI/ Friable	Mud Pipe Joints on Mag & Air Cell Type Pipes	Yes	40 FTG	3	5
1	Basement	1-B360	34	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	62 LF	2	1 Open Ends
1	Basement	1-B360	34	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	12 FTG	3	5
1	Basement	1-B361	24	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	84 LF	2	1 Open Spots by Door
1	Basement	1-B361	24	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	7 FTG	3	5
1	Basement	1-B362	31	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	16 LF	2	1 Open Seams
1	Basement	1-B365	25	23	MM/ Nonfriable	Sink Undercoating (Grey/Pink)		20 SF	5	5

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HLA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	Basement	1-B365	25	28	TSJ/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	310 LF	2	Open Ends @ Duct in South End; Encapsulated 10/23/98
1	Basement	1-B365	25	33	TSJ/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	9 FTG	3	5
1	Basement	1-B366	30	34	TSJ/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation	Yes	4 FTG	3	5 Encapsulated 6/15/98
1	Basement	1-B367	32	28	TSJ/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	6 LF	3	5
1	Basement	1-B367	32	33	TSJ/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	2 FTG	3	5 Encapsulated 6/15/98
1	Basement	1-B368	29	3	TSJ/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	6 LF	3	5
1	Basement	1-B370	28	5	TSJ/ Friable	Mag Type Insulation on Steam Pipe Straight Runs $\leq 2"$ Pipe	Yes	89 LF	3	5 Encapsulated 10/23/98
1	Basement	1-B370	28	6	TSJ/ Friable	Mud Fittings on Steam Pipe $\leq 2"$ Diameter Pipe	Yes	9 FTG	3	5
1	Basement	1-B380	26	28	TSJ/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		175 LF	2	1 Damaged Spots Along East Wall
1	Basement	1-B380	26	33	TSJ/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		52 FTG	3	5
1	Basement	1-B380	26	34	TSJ/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation		2 FTG	3	5
1	Basement	1-B380A	26A	28	TSJ/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		160 LF	3	5
1	Basement	1-B380A	26A	33	TSJ/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		70 FTG	2	1 Open Ends
1	Basement	1-B381A	27A	28	TSJ/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		83 LF	3	5 Encapsulated 6/15/98
1	Basement	1-B381A	27A	33	TSJ/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		20 FTG	3	5 Encapsulated 6/15/98
1	Basement	Corridor 2	C-B-2, C-B-3, C-B-4, C-B-5	28	TSJ/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		1282 LF	3	5
1	Basement	Corridor 2	C-B-2, C-B-3, C-B-4, C-B-5	33	TSJ/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		112 FTG	3	5
1	Basement	Corridor 4	C-B-7 Corridor	5	TSJ/ Friable	Mag Type Insulation on Steam Pipe Straight Runs $\leq 2"$ Pipe	Yes	35 LF	3	5
1	Basement	Corridor 4	C-B-7 Corridor	6	TSJ/ Friable	Mud Fittings on Steam Pipe $\leq 2"$ Diameter Pipe	Yes	8 FTG	3	5

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHJRA Category	Comments
1	Basement	Corridor 4	C-B-8 Corridor	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		690 LF	2	Open Covering Between Rms 47 & 48
1	Basement	Corridor 4	C-B-8 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		96 FTG	3	5
1	Basement	Corridor 5	C-B-10, C-B-11, C-B-16	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		486 LF	3	5 Mars on Pipe Covering
1	Basement	Corridor 5	C-B-10, C-B-11, C-B-16	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		656 FTG	3	5
1	Basement	Corridor 5	C-B-12 Corridor	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	69 LF	2	Open Seams & Section Missing
1	Basement	Corridor 5	C-B-12 Corridor	4	TSI/ Friable	Mud Fittings on Domestic Pipe $\leq 2"$ Diameter Pipe	Yes	15 FTG	2	1 Open Ends
1	Basement	Corridor 5	C-B-13 Corridor	6	TSI/ Friable	Mud Fittings on Steam Pipe $\leq 2"$ Diameter Pipe	Yes	1 FTG	3	5
1	Basement	Corridor 5	C-B-13, C-B-14	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs $\leq 2"$ Pipe	Yes	45 LF	3	5
1	Basement	Corridor 5	C-B-16 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		12 FTG	3	5
1	Basement	Corridor 5	C-B-16 Corridor	27	TSI/ Friable	Duct Insulation		1 SF	3	Wall Penetration Has Residual Insulation Left In It
1	Basement	STAIRWAY 2	STAIRWAY 2	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		8 FTG	3	5 Basement Level
1	Basement	STAIRWAY 2	STAIRWAY 2	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		45 LF	3	5 Basement Level
1	1	1-1129	187	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	5 LF	3	Pipe Chase, Center of East Wall
1	1	1-1132	199	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	2 LF	3	5 Pipe Chases
1	1	1-1143	193A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	33 LF	3	5
1	1	1-1143	193A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3	5
1	1	1-1200	101	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	50 LF	2	1 Open Ends South Side

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	1	1-1200	101	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	6 FTG	3	5 South Side
1	1	1-1232	114	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	3 LF	3	5 Vertical By NW Column
1	1	1-1235	105	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	24 LF	2	3 Lines in Wall Chase, Open Ends
1	1	1-1241	106	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	32 LF	3	5 4 Lines in Wall Chase
1	1	1-1260	117	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	2 LF	3	5
1	1	1-1260	117	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	1 FTG	3	5
1	1	1-1324	140A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	70 LF	2	1 Open Ends in Southwest Corner
1	1	1-1324	140A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	2	1 Open Ends in Southwest Corner
1	1	1-1325	140	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	60 LF	2	1 Open Ends
1	1	1-1325	140	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	13 FTG	2	1 Open Ends
1	1	1-1349	153 Wall Chase	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		30 LF	3	5
1	1	1-1352	151	7	MM/ Nonfriable	9"x9" Floor Tile (Tan w/Brown & White Streaks)		70 SF	4	5
1	1	1-1352A	151/151A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	40 LF	2	1 Open Ends
1	1	1-1352A	151/151A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	2	1 Open Ends
1	1	1-1355	141	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	8 LF	3	5 Encapsulated 05/25/2004
1	1	1-1375	146A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	44 LF	3	5
1	1	1-1375	146A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	12 FTG	3	5 Encapsulated 05/25/2004
1	1	1-1380	150C	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	5 LF	2	1 Torn Covering, Former Confessional
1	1	1-1380	150C	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	1 FTG	3	5 Former Confessional

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	H/A No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	1	1-1380	150D	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	5 LF	3	5 Encapsulated 05/25/2004, Former Confessional
1	1	1-1380	150D	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	2 FTG	3	5 Encapsulated 05/25/2004, Former Confessional
1	1	Corridor 2	C-1-5 Corridor	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	18 LF	2	1 One Area Needs Attention
1	1	Corridor 4	C-1-9 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3	5
1	2	1-2222	233	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	14 LF	3	5
1	2	1-2222	233	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	50 LF	3	5
1	2	1-2222	233	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	45 FTG	3	5
1	2	1-2222	233	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	11 FTG	3	5
1	2	1-2223	232A	23	MM/ Nonfriable	Sink Undercoating (Grey/Pink)		10 SF		5
1	2	1-2223	232A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3	5
1	2	1-2223	232A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	2 LF	3	5
1	2	1-2225	233A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	3 LF	3	5
1	2	1-2228	216A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	12 LF	3	5
1	2	1-2228	216A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5 Encapsulated 01/23/2002
1	2	1-2230	216	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3	5
1	2	1-2230	216	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	10 FTG	3	5
1	2	1-2232	215	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3	5 Some Abated 06/29/99
1	2	1-2232	215	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	3	5

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	2	1-2236	214	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	32 LF	3	5
1	2	1-2236	214	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	3	5 Encapsulated 01/23/2002
1	2	1-2238	213	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3	5
1	2	1-2238	213	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	3	5 Encapsulated 01/23/2002
1	2	1-2239	208	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	14 LF	3	5 Encapsulated 01/23/2002
1	2	1-2239	208	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	15 FTG	3	5 Encapsulated 01/23/2002
1	2	1-2240	212	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	16 LF	3	5
1	2	1-2240	212	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5
1	2	1-2241	209	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	24 LF	3	5
1	2	1-2241	209	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	6 FTG	3	5
1	2	1-2242	211	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	30 LF	3	5
1	2	1-2242	211	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	3 FTG	3	5
1	2	1-2243	210	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	18 LF	3	5
1	2	1-2243	210	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5
1	2	1-2257	226	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	3 LF	3	5 Above 2 Different Pipe Chases, North & East Walls
1	2	1-2257	226	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	3 FTG	3	5 Above 2 Different Pipe Chases, North & East Walls
1	2	1-2263	225	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	6 LF	3	5
1	2	1-2263	225	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5
1	2	1-2263	226B	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	4 LF	3	5 Encapsulated 01/24/2002

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	2	1-2263	226B	6	TSI/ Friable	Mud Fittings on Steam Pipe $\leq 2"$ Diameter Pipe	Yes	5 FTG	3	5 Encapsulated 01/24/2002
1	2	1-2265	226A	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs $\leq 2"$ Pipe	Yes	12 LF	2	1 Damaged at Pipe Chase
1	2	1-2265	226A	6	TSI/ Friable	Mud Fittings on Steam Pipe $\leq 2"$ Diameter Pipe	Yes	4 FTG	3	5
1	2	1-2307	249A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	3 LF	3	5
1	2	1-2307	249A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	5 FTG	3	5
1	2	1-2307	249A Wall Chase	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		4 LF	3	5
1	2	1-2358	241A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	12 LF	2	1 Some Damage at Center of Room
1	2	1-2358	241A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	5 FTG	3	5
1	2	1-2360	240	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	30 LF	3	5
1	2	1-2360	240	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	16 FTG	3	5
1	2	256B	256B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	6 LF	3	5
1	2	256B	256B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	3 FTG	3	5
1	2	256C Wall Chase	256C Wall Chase	31	TSI/ Friable	Pipe Insulation (Mag & Air Cell Types) on Straight Runs		40 LF	2	1 Open Ends
1	2	256D	256D	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	10 LF	2	1 Open Seams on Pipe
1	2	256D	256D	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3	5
1	2	Corridor 2	C-2-3 Corridor	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs $\leq 2"$ Pipe	Yes	10 LF	3	5 Debris Along South Wall by Rooms 1-2263 & 1-2265
1	2	Corridor 2	C-2-3 Corridor	6	TSI/ Friable	Mud Fittings on Steam Pipe $\leq 2"$ Diameter Pipe	Yes	8 FTG	2	1 Two Damaged Fittings by Rooms 1-2263 & 1-2265
1	2	Corridor 7	C-2-12 Corridor	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	9 LF	3	5 North of Room 1-2136

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Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	3	1-3206	394	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	15 LF	3	Formerly Room 301A, Wall Moved
1	3	1-3206	394	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	2	One Damaged Fitting, Formerly Room 301A
1	3	1-3210	301	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	20 LF	3	5
1	3	1-3210	301	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	3	5
1	3	1-3211	332	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	20 LF	3	5 Formerly Room 333
1	3	1-3213	331	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	24 LF	3	5
1	3	1-3213	331	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	10 FTG	3	5
1	4	1-4104	454	1	TSI/ Friable	Mag Type Chimney Insulation	Yes	12 SF	2	1 No Covering on Insulation (Raw Mag)
1	4	1-4104	454	2	TSI/ Friable	Air Cell Type Duct Insulation	Yes	12 SF	2	1 Open Bottom Edge
1	4	1-4106	456	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe	Yes	15 LF	3	5
1	4	1-4106	456	4	TSI/ Friable	Mud Fittings on Domestic Pipe $\leq 2"$ Diameter Pipe	Yes	2 FTG	3	5
1	4	1-4107	449	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	7 LF	2	1 Open Ends
1	4	1-4112	458	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	36 LF	3	5
1	4	1-4112	458	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	15 FTG	3	5
1	4	1-4114	453	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	22 LF	3	5
1	4	1-4114	453	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	13 FTG	3	5
1	4	1-4116	454	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	25 LF	3	5
1	4	1-4116	454	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3	5

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Bldg	Floor	New Room No./ID	Former Room No./ID	H/A No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AIBRA Category	Comments
1	4	1-4118	454	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	22 LF	3	5
1	4	1-4118	454	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	4 FTG	3	5
1	4	1-4160	479 Wall Chase	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		2 LF	3	5
1	4	1-4200	400	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	25 LF	3	5
1	4	1-4200	400	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	4 FTG	3	5
1	4	1-4206	401	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	10 LF	3	5
1	4	1-4206	401	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	5 FTG	2	1 Open & Exposed Ends
1	4	1-4208	402	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	18 LF	3	5
1	4	1-4208	402	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	7 FTG	3	5
1	4	1-4209	402A	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	3 LF	3	5
1	4	1-4209	402A	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	6 FTG	3	5
	4	1-4215	EC4B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		5 LF	3	5
	4	1-4215	EC4B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		2 FTG	3	5
1	4	1-4217	430	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	20 LF	3	5 New Plaster Ceiling - Visible from Room 429
1	4	1-4217	430	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	2 FTG	3	5 New Plaster Ceiling - Visible from Room 429
1	4	1-4227	404A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	32 LF	2	1 Open & Exposed Ends, Formerly Room 405
1	4	1-4227	404A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	9 FTG	2	1
1	4	1-4230	414	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	1 LF	3	5
1	4	1-4230	414	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	5 FTG	3	5

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Bldg	Floor	New Room No./ID	Former Room No./ID	IIA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
1	4	1-4260	418	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	41 LF	3	5
1	4	1-4260	418	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	14 FTG	3	5
1	4	1-4263	422	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	50 LF	3	5
1	4	1-4263	422	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	12 FTG	3	5
1	4	Corridor 1	C-4-1 Corridor	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	72 LF	2	1 Open Ends South End of Corridor
1	4	Corridor 1	C-4-1 Corridor	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5
1	4	Corridor 3	C-4-4 Corridor	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs $\leq 2"$ Pipe (Possibly Millboard)	Yes	20 LF	3	5
1	4	Corridor 3	C-4-4 Corridor	4	TSI/ Friable	Mud Fittings on Domestic Pipe $\leq 2"$ Diameter Pipe	Yes	2 FTG	3	5
1	5	1-5141	PS5B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		6 LF	2	1 Open & Exposed Ends
1	5	1-5141	PS5B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		3 FTG	2	1
1	5	1-5155	530	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	8 LF	2	1
1	5	1-5155	530	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	1 FTG	2	1
1	5	1-5207	EC5B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		29 LF	2	1 Some Open Ends
1	5	1-5207	EC5B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		5 FTG	2	1
1	5	1-5215	520	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	7 LF	3	5
1	5	1-5215	520	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	2 FTG	3	5
1	5	1-5240	PC5A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		64 LF	2	1 Some Open Ends
1	5	1-5240	PC5A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		19 FTG	2	1

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AUI/RA Category	Comments
1	5	Corridor 1	C-5-1 Corridor	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	32 LF	3	5 By Rooms 1-5242 & 1-5244
1	5	Corridor 1	C-5-1 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	2	1 Two Open Ends
1	P	Mechanical FM8	Penthouse B	29	TSI/ Friable	Pipe Insulation (Air Cell Type) on Drain Line		8 LF	3	5 One Fitting has Open Spot
1	P	Mechanical FM8	Penthouse B	34	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation		27 FTG	2	Damaged @ Cooling Unit on GC Line, Steam Valve @ North Wall
1	P	Mechanical FM8	Penthouse B	37	MM/ Nonfriable	Firedoors		42 SF	5	
1	P	Mechanical FM8	Penthouse C	37	MM/ Nonfriable	Firedoors		21 SF	5	
1	P	Mechanical FM8	Elevator Switch Room	37	MM/ Nonfriable	Firedoors		21 SF	5	
3	Basement	Storage Quad	B-1	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		38 LF	3	5 Patched & Repaired June 2007
3	Basement	Storage Quad	B-1	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		12 FTG	3	5
3	Basement	Storage Quad	B-1	48	TSI/ Friable	Pipe Wrap: White Foamy Texture		1 LF	3	5 Line Above Outside Door on the West Side of Building
3	Basement	Storage Quad	B-3 (APT B)	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		74 LF	3	5 Includes Adjacent Space
3	Basement	Storage Quad	B-3 (APT B)	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		31 FTG	3	5
3	Basement	Storage Quad	B-4	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		72 LF	2	1 Lower Line Damaged
3	Basement	Storage Quad	B-4	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		18 FTG	3	5
3	Basement	Storage Quad	B-5 (APT C)	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		33 LF	2	1 Open Ends
3	Basement	Storage Quad	B-7 (BLDG 2)	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		94 LF	3	5
3	Basement	Storage Quad	B-7 (BLDG 2)	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		13 FTG	2	1 Open Ends & Joints

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Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
3	Basement	Storage Quad	B-8 (APT D)	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		32 LF	3	5
3	Basement	Storage Quad	B-8 (APT D)	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		9 FTG	2	1 Damaged Fittings
3	Basement	Mechanical FM8	B-6 (ENG. SRVS)	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		30 LF	2	1 Open Ends & Split Seams
3	Basement	Mechanical FM8	B-6 (ENG. SRVS)	34	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation		3 FTG	3	5
4	1	4-105	105	40	MM/ Nonfriable	12"x12" Floor Tile (Yellow Marble)		182 SF		Carpeted - Not Accessible
4	1	4-105	105	41	MM/ Nonfriable	12"x12" Floor Tile (Solid Orange)		12 SF		Carpeted - Not Accessible
4	1	4-105	105	42	MM/ Nonfriable	12"x12" Floor Tile (Solid Yellow)		21 SF		Carpeted - Not Accessible
4	1	4-105	105	43	MM/ Nonfriable	12"x12" Floor Tile (Solid Green)		26 SF		Carpeted - Not Accessible
4	1	4-105	105	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	46 LF	2	1 Open Ends
4	1	4-105	105	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	20 FTG	3	5
4	1	4-106	106	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		23 LF	3	5
4	1	4-106	106	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		12 FTG	2	1 Open End
4	1	4-108	108	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		6 LF	2	1 Damage in Southeast Corner, Not Labeled
4	1	4-108	108	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		7 FTG	3	5 Not Labeled
4	2	4-212	212	19	MM/ Nonfriable	12"x12" Floor Tile (White & Grey Streaks)		40 SF		Carpeted - Not Accessible
4	2	4-213	213	19	MM/ Nonfriable	12"x12" Floor Tile (White & Grey Streaks)		60 SF	4	5 New Tile
4	2	4-215	215	19	MM/ Nonfriable	12"x12" Floor Tile (White & Grey Streaks)		49 SF	4	5 New Tile
6	Basement	Tunnel	Tunnel to Building 01	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		1,960 LF		Unable to Access, Some Abated in January 2007

Room Inventory - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments
6	1	Mechanical FM8	Boiler Room	46	TSI/ Friable	Mag Type Boiler Stack Insulation		75 LF	3 5	
6	1	Bath FM8	Boiler Room Bathroom	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		13 LF	2 1	Open Ends, Encased in Metal Jacketing. Appears same as Newer Block in Boiler Room, Not Labeled
6	1	Bath FM8	Boiler Room Bathroom	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		4 FTG	3 5	Encased in Metal Jacketing
9	1	Storage AMMS	Warehouse	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		70 LF	3 5	
9	1	Storage AMMS	Warehouse	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		6 FTG	3 5	Encapsulated 05/25/2004

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	Basement	1-B100	60	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	36 LF	3	5	\$ 25.58	\$ 920.88
1	Basement	1-B101	60A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	22 LF	2	1	\$ 25.58	\$ 562.76
1	Basement	1-B101	60A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		4 FTG	3	5	\$128.40	\$ 513.60
1	Basement	1-B104	61	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	24 LF	3	5	\$ 25.58	\$ 613.92
1	Basement	1-B104	61	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	7 FTG	3	5	\$ 64.20	\$ 449.40
1	Basement	1-B105	59	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	158 LF	3	5	\$ 17.05	\$ 2,693.90
1	Basement	1-B105	59	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	9 FTG	3	5	\$ 64.20	\$ 577.80
1	Basement	1-B106	62	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	20 LF	3	5	\$ 25.58	\$ 511.60
1	Basement	1-B106	62	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	3	5	\$ 64.20	\$ 385.20
1	Basement	1-B112	64	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	25 LF	3	5	\$ 25.58	\$ 639.50
1	Basement	1-B112	64	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	10 FTG	3	5	\$ 64.20	\$ 642.00
1	Basement	1-B115	58	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	15 LF	2	1	\$ 25.58	\$ 383.70
1	Basement	1-B115	58	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	3 FTG	3	5	\$128.40	\$ 385.20
1	Basement	1-B116	58C	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	36 LF	3	5	\$ 25.58	\$ 920.88
1	Basement	1-B118	58A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	24 LF	3	5	\$ 25.58	\$ 613.92
1	Basement	1-B118	58A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	4 FTG	3	5	\$128.40	\$ 513.60
1	Basement	1-B120	68	6	TSI/ Friable	Mud Fittings on Steam Pipe < 2" Diameter Pipe		2 FTG	2	1	\$128.40	\$ 256.80
1	Basement	1-B120	68	11	TSI/ Friable	Mag Type Insulation on MP Pipe Straight Run		22 LF	3	5	\$ 25.58	\$ 562.76
1	Basement	1-B120	68	12	TSI/ Friable	Mag Type Insulation on HP Pipe Straight Run		9 LF	3	5	\$ 51.45	\$ 463.05

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHJRA Category	Comments	Unit Cost	Estimated Cost
1	Basement	1-B122	69	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe		1 FTG	3	5	\$128.40	\$ 128.40
1	Basement	1-B122	69	10	TSI/ Friable	Mag Type Insulation on FS Pipe Straight Run		6 LF	3	5 Encapsulated 10/22/2001	\$ 51.15	\$ 306.90
1	Basement	1-B124	70	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe		9 LF	3	5	\$ 51.45	\$ 463.05
1	Basement	1-B124	70	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe		1 FTG	3	5	\$128.40	\$ 128.40
1	Basement	1-B130	71	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	248 LF	3	5	\$ 17.05	\$ 4,228.40
1	Basement	1-B130	71	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	31 FTG	3	5	\$ 46.80	\$ 1,450.80
1	Basement	1-B131	64A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	110 LF	3	5	\$ 17.05	\$ 1,875.50
1	Basement	1-B131	64A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	25 FTG	3	5	\$ 64.20	\$ 1,605.00
1	Basement	1-B132	72	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	77 LF	2	1 Split Seams in NE Corner	\$ 25.58	\$ 1,969.66
1	Basement	1-B132	72	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	16 FTG	3	5 Northeast Corner	\$ 64.20	\$ 1,027.20
1	Basement	1-B132	72	37	MM/ Nonfriable	Floors		28 SF		5 Newer Door - Not Tagged	\$ 9.45	\$ 264.60
1	Basement	1-B133	72A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		148 LF	3	5	\$ 17.05	\$ 2,523.40
1	Basement	1-B133	72A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		28 FTG	3	5	\$ 64.20	\$ 1,797.60
1	Basement	1-B140	74/75	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		20 LF	3	5	\$ 25.58	\$ 511.60
1	Basement	1-B140	74/75	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		5 FTG	3	5 Encapsulated 10/22/98	\$ 64.20	\$ 321.00
1	Basement	1-B141	54	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		110 LF	3	5	\$ 17.05	\$ 1,875.50
1	Basement	1-B141	54	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		24 FTG	3	5	\$ 64.20	\$ 1,540.80

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	Basement	1-B201	16	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	95 LF	2	Two Open Spots, Other Areas Encapsulated 6/15/98	\$ 25.58	\$ 2,430.10
1	Basement	1-B201	16	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	35 FTG	3	5	\$ 31.20	\$ 1,092.00
1	Basement	1-B210A	2A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	114 LF	2	Damaged Areas above Ceiling Tile in SW Corner	\$ 17.05	\$ 1,943.70
1	Basement	1-B210A	2A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	16 FTG	3	5	\$ 64.20	\$ 1,027.20
1	Basement	1-B225	5	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs <2" Pipe	Yes	186 LF	3	Includes Footages in Adjacent Offices 1-B222, 1-B223, 1-B224, 1-B226 & 1-B228	\$ 17.05	\$ 3,171.30
1	Basement	1-B225	5	4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2" Diameter Pipe	Yes	37 FTG	3	Includes Footages in Adjacent Offices 1-B222, 1-B223, 1-B224, 1-B226 & 1-B228	\$ 31.20	\$ 1,154.40
1	Basement	1-B230	5F	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs <2" Pipe	Yes	168 LF	3	Includes Footage in 1-B230 & 1-B231	\$ 17.05	\$ 2,864.40
1	Basement	1-B230	5F	4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2" Diameter Pipe	Yes	46 FTG	3	Includes Footage in 1-B230 & 1-B231	\$ 31.20	\$ 1,435.20
1	Basement	1-B255	13	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		230 LF	2	Open Seams, Other Areas Encapsulated 6/15/98	\$ 17.05	\$ 3,921.50
1	Basement	1-B255	13	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		39 FTG	3	5 Encapsulated 6/15/98	\$ 31.20	\$ 1,216.80
1	Basement	1-B301	17	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	18 LF	3	5	\$ 25.58	\$ 460.44
1	Basement	1-B301	17	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	3 FTG	3	5	\$128.40	\$ 385.20
1	Basement	1-B305	50	23	MM/ Nonfriable	Sink Undercoating (Grey/Pink)		6 SF	5	Some Scrapped Off	\$ 16.55	\$ 99.30
1	Basement	1-B315	18	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs <2" Pipe	Yes	50 LF	2	Open Ends in Wall to Room 1-B321	\$ 25.58	\$ 1,279.00
1	Basement	1-B315	18	4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2" Diameter Pipe	Yes	2 FTG	3	5	\$128.40	\$ 256.80

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	Basement	1-B321	19	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs ≤ 2" Pipe	Yes	15 LF	3	5 Southeast Corner	\$ 25.58	\$ 383.70
1	Basement	1-B321	19	4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2" Diameter Pipe	Yes	6 FTG	3	5 Southeast Corner	\$ 64.20	\$ 385.20
1	Basement	1-B324	48	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	391 LF	3	5 Encapsulated 10/22/2001	\$ 17.05	\$ 6,666.55
1	Basement	1-B324	48	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	107 FTG	3	5	\$ 31.20	\$ 3,338.40
1	Basement	1-B325	21	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		154 LF	3	5	\$ 17.05	\$ 2,625.70
1	Basement	1-B325	21	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		70 FTG	2	1 Three Open Ends	\$ 31.20	\$ 2,184.00
1	Basement	1-B326	47	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	125 LF	2	1 Open Ends	\$ 17.05	\$ 2,131.25
1	Basement	1-B326	47	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	32 FTG	3	5	\$ 46.80	\$ 1,497.60
1	Basement	1-B330	46	31	TSI/ Friable	Pipe Insulation (Mag & Air Cell Types) on Straight Runs		207 LF	2	1 Small Damaged Area, Encapsulated 10/22/98	\$ 17.05	\$ 3,529.35
1	Basement	1-B330	46	38	TSI/ Friable	Mud Pipe Joints on Mag & Air Cell Type Pipes		33 FTG	3	5	\$ 46.80	\$ 1,544.40
1	Basement	1-B332	45	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		60 LF	2	1 Open Seams & Damaged, Some Abated 01/2001	\$ 25.58	\$ 1,534.80
1	Basement	1-B332	45	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		36 LF	3	5 Some Abated 01/2001	\$ 25.58	\$ 920.88
1	Basement	1-B332	45	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		15 FTG	3	5 Some Abated 01/2001	\$ 64.20	\$ 963.00
1	Basement	1-B332	45	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		7 FTG	3	5	\$ 64.20	\$ 449.40
1	Basement	1-B335	42	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	100 LF	2	1 Open Ends, Some Abated 01/2001	\$ 17.05	\$ 1,705.00
1	Basement	1-B335	42	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	28 FTG	3	5 Some Abated 01/2001	\$ 64.20	\$ 1,797.60
1	Basement	1-B337	42A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	48 LF	3	5 Some Abated 01/2001	\$ 25.58	\$ 1,227.84
1	Basement	1-B337	42A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	12 FTG	2	1 Two Open Ends; Some Abated 01/2001	\$ 64.20	\$ 770.40

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	Basement	1-B338	42C	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	52 LF	2	Damaged @ Splicing Point	\$ 25.58	\$ 1,330.16
1	Basement	1-B338	42C	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	30 FTG	3		\$ 46.80	\$ 1,404.00
1	Basement	1-B338	42C	13	TSI/ Friable	Mag Type Insulation on LP Pipe Straight Run	Yes	20 LF	3		\$ 25.58	\$ 511.60
1	Basement	1-B338	42C	14	TSI/ Friable	Mag Type Insulation on LP Pipe Straight Run	Yes	20 LF	3		\$ 25.58	\$ 511.60
1	Basement	1-B339	43	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	80 LF	3	Some Abated 01/2001	\$ 25.58	\$ 2,046.40
1	Basement	1-B339	43	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	25 FTG	3	Some Abated 01/2001	\$ 64.20	\$ 1,605.00
1	Basement	1-B340	44	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		137 LF	3	Some Abated 01/04/01	\$ 17.05	\$ 2,335.85
1	Basement	1-B340	44	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		48 FTG	3		\$ 31.20	\$ 1,497.60
1	Basement	1-B340A	44A	16	MM/ Nonfriable	12"x12" Floor Tile (Green Apple)		193 SF	4		\$ 7.05	\$ 1,360.65
1	Basement	1-B340A	44A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	50 LF	3	Some Abated 01/04/01	\$ 25.58	\$ 1,279.00
1	Basement	1-B340A	44A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	20 FTG	3		\$ 64.20	\$ 1,284.00
1	Basement	1-B349	40	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	70 LF	3	3 LF Water Damage in Center of Room	\$ 25.58	\$ 1,790.60
1	Basement	1-B349	40	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	21 FTG	3	Debris on SW Ceiling Tile by Door, Encapsulated 6/15/98	\$ 64.20	\$ 1,348.20
1	Basement	1-B350	36	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	89 LF	3		\$ 25.58	\$ 2,276.62
1	Basement	1-B350	36	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	29 FTG	2	Damage in North End & Center	\$ 64.20	\$ 1,861.80
1	Basement	1-B351	36A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	78 LF	2	Damage in North End & Center	\$ 25.58	\$ 1,995.24

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	Basement	1-B351	36A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	424 LF	3	One Open End @ Springer Head West Wall; Others Encapsulate 6/16/98	\$ 17.05	\$ 7,229.20
1	Basement	1-B351	36A	38	TSI/ Friable	Mud Pipe Joints on Mag & Air Cell Type Pipes	Yes	40 FTG	3		\$ 31.20	\$ 1,248.00
1	Basement	1-B360	34	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	62 LF	2	1 Open Ends	\$ 25.58	\$ 1,585.96
1	Basement	1-B360	34	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	12 FTG	3		\$ 64.20	\$ 770.40
1	Basement	1-B361	24	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	84 LF	2	1 Open Spots by Door	\$ 25.58	\$ 2,148.72
1	Basement	1-B361	24	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	7 FTG	3		\$ 64.20	\$ 449.40
1	Basement	1-B362	31	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	16 LF	2	1 Open Seams	\$ 25.58	\$ 409.28
1	Basement	1-B365	25	23	MM/ Nonfriable	Sink Undercoating (Grey/Pink)		20 SF	5		\$ 16.55	\$ 331.00
1	Basement	1-B365	25	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	310 LF	2	Open Ends @ Duct in South End, Encapsulated 10/23/98	\$ 17.05	\$ 5,285.50
1	Basement	1-B365	25	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	9 FTG	3		\$ 64.20	\$ 577.80
1	Basement	1-B366	30	34	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation	Yes	4 FTG	3	Encapsulated 6/15/98	\$128.40	\$ 513.60
1	Basement	1-B367	32	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	6 LF	3		\$ 51.45	\$ 308.70
1	Basement	1-B367	32	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	2 FTG	3	Encapsulated 6/15/98	\$128.40	\$ 256.80
1	Basement	1-B368	29	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs ≤ 2" Pipe	Yes	6 LF	3		\$ 51.45	\$ 308.70
1	Basement	1-B370	28	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	89 LF	3	Encapsulated 10/23/98	\$ 25.58	\$ 2,276.62
1	Basement	1-B370	28	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	9 FTG	3		\$ 64.20	\$ 577.80

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	Basement	1-B380	26	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		175 LF	2	Damaged Spots Along East Wall	\$ 17.05	\$ 2,983.75
1	Basement	1-B380	26	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		52 FTG	3		\$ 31.20	\$ 1,622.40
1	Basement	1-B380	26	34	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation		2 FTG	3		\$128.40	\$ 256.80
1	Basement	1-B380A	26A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		160 LF	3		\$ 17.05	\$ 2,728.00
1	Basement	1-B380A	26A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		70 FTG	2	Open Ends	\$ 31.20	\$ 2,184.00
1	Basement	1-B381A	27A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		83 LF	3	Encapsulated 6/15/98	\$ 25.58	\$ 2,123.14
1	Basement	1-B381A	27A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		20 FTG	3	Encapsulated 6/15/98	\$ 64.20	\$ 1,284.00
1	Basement	Corridor 2	C-B-2, C-B-3, C-B-4, C-B-5	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		1282 LF	3		\$ 17.05	\$ 21,858.10
1	Basement	Corridor 2	C-B-2, C-B-3, C-B-4, C-B-5	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		112 FTG	3		\$ 31.20	\$ 3,494.40
1	Basement	Corridor 4	C-B-7 Corridor	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	35 LF	3		\$ 25.58	\$ 895.30
1	Basement	Corridor 4	C-B-7 Corridor	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	8 FTG	3		\$ 64.20	\$ 513.60
1	Basement	Corridor 4	C-B-8 Corridor	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		690 LF	2	Open Covering Between Rms 47 & 48	\$ 17.05	\$ 11,764.50
1	Basement	Corridor 4	C-B-8 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		96 FTG	3		\$ 31.20	\$ 2,995.20
1	Basement	Corridor 5	C-B-12 Corridor	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs ≤ 2" Pipe	Yes	69 LF	2	Open Seams & Section Missing	\$ 25.58	\$ 1,765.02
1	Basement	Corridor 5	C-B-12 Corridor	4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2" Diameter Pipe	Yes	15 FTG	2	Open Ends	\$ 64.20	\$ 963.00
1	Basement	Corridor 5	C-B-13, C-B-14	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	45 LF	3		\$ 25.58	\$ 1,151.10

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	Basement	Corridor 5	C-B-13 Corridor	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	1 FTG	3	5	\$128.40	\$ 128.40
1	Basement	Corridor 5	C-B-16 Corridor	27	TSI/ Friable	Duct Insulation		1 SF	3	5	\$335.00	\$ 335.00
1	Basement	Corridor 5	C-B-10, C-B-11, C-B-16	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		486 LF	3	5	\$ 17.05	\$ 8,286.30
1	Basement	Corridor 5	C-B-16 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		12 FTG	3	5	\$ 64.20	\$ 770.40
1	Basement	Corridor 5	C-B-10, C-B-11, C-B-16	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		656 FTG	3	5	\$ 31.20	\$ 20,467.20
1	Basement	STAIRWAY 2	STAIRWAY 2	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		45 LF	3	5	\$ 25.58	\$ 1,151.10
1	Basement	STAIRWAY 2	STAIRWAY 2	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		8 FTG	3	5	\$ 64.20	\$ 513.60
1	1	1-1129	187	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	5 LF	3	5	\$ 51.45	\$ 257.25
1	1	1-1132	199	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	2 LF	3	5	\$128.40	\$ 256.80
1	1	1-1143	193A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	33 LF	3	5	\$ 25.58	\$ 844.14
1	1	1-1143	193A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3	5	\$ 64.20	\$ 513.60
1	1	1-1200	101	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	50 LF	2	1	\$ 25.58	\$ 1,279.00
1	1	1-1200	101	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	6 FTG	3	5	\$ 64.20	\$ 385.20
1	1	1-1232	114	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	3 LF	3	5	\$128.40	\$ 385.20
1	1	1-1235	105	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	24 LF	2	1	\$ 25.58	\$ 613.92
1	1	1-1241	106	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	32 LF	3	5	\$ 25.58	\$ 818.56

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	ILIA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	1	1-1260	117	28	TSU/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	2 LF	3	5	\$128.40	\$ 256.80
1	1	1-1260	117	33	TSU/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	1 FTG	3	5	\$128.40	\$ 128.40
1	1	1-1324	140A	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	70 LF	2	1	\$ 25.58	\$ 1,790.60
1	1	1-1324	140A	35	TSU/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	2	1	\$ 64.20	\$ 513.60
1	1	1-1325	140	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	60 LF	2	1	\$ 25.58	\$ 1,534.80
1	1	1-1325	140	35	TSU/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	13 FTG	2	1	\$ 64.20	\$ 834.60
1	1	1-1349	153 Wall Chase	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs		30 LF	3	5	\$ 25.58	\$ 767.40
1	1	1-1352	151	7	MM/ Nonfriable	9"x9" Floor Tile (Tan w/Brown & White Streaks)		70 SF	4	5	\$ 11.75	\$ 822.50
1	1	1-1352A	151/151A	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	40 LF	2	1	\$ 25.58	\$ 1,023.20
1	1	1-1352A	151/151A	35	TSU/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	2	1	\$128.40	\$ 513.60
1	1	1-1355	141	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	8 LF	3	5	\$ 51.45	\$ 411.60
1	1	1-1375	146A	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	44 LF	3	5	\$ 25.58	\$ 1,125.52
1	1	1-1375	146A	35	TSU/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	12 FTG	3	5	\$ 64.20	\$ 770.40
1	1	1-1380	150C	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	5 LF	2	1	\$ 51.45	\$ 257.25
1	1	1-1380	150D	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	5 LF	3	5	\$ 51.45	\$ 257.25
1	1	1-1380	150C	35	TSU/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	1 FTG	3	5	\$128.40	\$ 128.40
1	1	1-1380	150D	35	TSU/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	2 FTG	3	5	\$128.40	\$ 256.80
1	1	Corridor 2	C-1-5 Corridor	5	TSU/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	18 LF	2	1	\$ 25.58	\$ 460.44

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHJRA Category	Comments	Unit Cost	Estimated Cost
1	1	Corridor 4	C-1-9 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3 5		\$ 64.20	\$ 513.60
1	2	1-2222	233	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	14 LF	3 5		\$ 25.58	\$ 358.12
1	2	1-2222	233	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	50 LF	3 5		\$ 25.58	\$ 1,279.00
1	2	1-2222	233	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	45 FTG	3 5		\$ 31.20	\$ 1,404.00
1	2	1-2222	233	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	11 FTG	3 5		\$ 64.20	\$ 706.20
1	2	1-2223	232A	23	MM/ Nonfriable	Sink Undercoating (Grey/Pink)		10 SF	5		\$ 16.55	\$ 165.50
1	2	1-2223	232A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3 5		\$ 25.58	\$ 511.60
1	2	1-2223	232A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	2 LF	3 5		\$128.40	\$ 256.80
1	2	1-2225	233A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	3 LF	3 5		\$128.40	\$ 385.20
1	2	1-2228	216A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	12 LF	3 5		\$ 25.58	\$ 306.96
1	2	1-2228	216A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3 5	Encapsulated 01/23/2002	\$128.40	\$ 513.60
1	2	1-2230	216	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3 5		\$ 25.58	\$ 511.60
1	2	1-2230	216	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	10 FTG	3 5		\$ 64.20	\$ 642.00
1	2	1-2232	215	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3 5	Some Abated 06/29/99	\$ 25.58	\$ 511.60
1	2	1-2232	215	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	3 5		\$ 64.20	\$ 513.60
1	2	1-2236	214	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	32 LF	3 5		\$ 25.58	\$ 818.56
1	2	1-2236	214	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	3 5	Encapsulated 01/23/2002	\$ 64.20	\$ 513.60
1	2	1-2238	213	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	20 LF	3 5		\$ 25.58	\$ 511.60

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	2	1-2238	213	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	8 FTG	3	5 Encapsulated 01/23/2002	\$ 64.20	\$ 513.60
1	2	1-2239	208	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	14 LF	3	5 Encapsulated 01/23/2002	\$ 25.58	\$ 358.12
1	2	1-2239	208	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	15 FTG	3	5 Encapsulated 01/23/2002	\$ 64.20	\$ 963.00
1	2	1-2240	212	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	16 LF	3	5	\$ 25.58	\$ 409.28
1	2	1-2240	212	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5	\$128.40	\$ 513.60
1	2	1-2241	209	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	24 LF	3	5	\$ 25.58	\$ 613.92
1	2	1-2241	209	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	6 FTG	3	5	\$ 64.20	\$ 385.20
1	2	1-2242	211	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	30 LF	3	5	\$ 25.58	\$ 767.40
1	2	1-2242	211	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	3 FTG	3	5	\$128.40	\$ 385.20
1	2	1-2243	210	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	18 LF	3	5	\$ 25.58	\$ 460.44
1	2	1-2243	210	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5	\$128.40	\$ 513.60
1	2	1-2257	226	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	3 LF	3	Above 2 Different Pipe Chases, North & East Walls	\$128.40	\$ 385.20
1	2	1-2257	226	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	3 FTG	3	Above 2 Different Pipe Chases, North & East Walls	\$128.40	\$ 385.20
1	2	1-2263	226B	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	4 LF	3	5 Encapsulated 01/24/2002	\$128.40	\$ 513.60
1	2	1-2263	226B	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	5 FTG	3	5 Encapsulated 01/24/2002	\$ 64.20	\$ 321.00
1	2	1-2263	225	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	6 LF	3	5	\$ 51.45	\$ 308.70
1	2	1-2263	225	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5	\$128.40	\$ 513.60

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	2	1-2265	226A	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	12 LF	2	1 Damaged at Pipe Chase	\$ 25.58	\$ 306.96
1	2	1-2265	226A	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	4 FTG	3	5	\$128.40	\$ 513.60
1	2	1-2307	249A	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	3 LF	3	5	\$128.40	\$ 385.20
1	2	1-2307	249A Wall Chase	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		4 LF	3	5	\$128.40	\$ 513.60
1	2	1-2307	249A	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	5 FTG	3	5	\$ 64.20	\$ 321.00
1	2	1-2358	241A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	12 LF	2	1 Some Damage at Center of Room	\$ 25.58	\$ 306.96
1	2	1-2358	241A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	5 FTG	3	5	\$ 64.20	\$ 321.00
1	2	1-2360	240	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	30 LF	3	5	\$ 25.58	\$ 767.40
1	2	1-2360	240	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	16 FTG	3	5	\$ 64.20	\$ 1,027.20
1	2	256B	256B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	6 LF	3	5	\$ 51.45	\$ 308.70
1	2	256B	256B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	3 FTG	3	5	\$128.40	\$ 385.20
1	2	256C Wall Chase	256C Wall Chase	31	TSI/ Friable	Pipe Insulation (Mag & Air Cell Types) on Straight Runs		40 LF	2	1 Open Ends	\$ 25.58	\$ 1,023.20
1	2	256D	256D	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	10 LF	2	1 Open Seams on Pipe	\$ 25.58	\$ 255.80
1	2	256D	256D	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3	5	\$ 64.20	\$ 513.60
1	2	Corridor 2	C-2-3 Corridor	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	10 LF	3	5 Debris Along South Wall by Rooms 1-2263 & 1-2265	\$ 25.58	\$ 255.80
1	2	Corridor 2	C-2-3 Corridor	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	8 FTG	2	1 Two Damaged Fittings by Rooms 1-2263 & 1-2265	\$ 64.20	\$ 513.60
1	2	Corridor 7	C-2-12 Corridor	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	9 LF	3	5 North of Room 1-2136	\$ 51.45	\$ 463.05

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Bldg	Floor	New Room No./ID	Former Room No./ID	H/A No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	3	1-3206	394	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	15 LF	3	Formerly Room 301A, Wall Moved	\$ 25.58	\$ 383.70
1	3	1-3206	394	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	2	One Damaged Fitting, Formerly Room 301A	\$ 64.20	\$ 385.20
1	3	1-3210	301	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	20 LF	3		\$ 25.58	\$ 511.60
1	3	1-3210	301	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	3		\$ 64.20	\$ 385.20
1	3	1-3211	332	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs < 2" Pipe	Yes	20 LF	3	Formerly Room 333	\$ 25.58	\$ 511.60
1	3	1-3213	331	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	24 LF	3		\$ 25.58	\$ 613.92
1	3	1-3213	331	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	10 FTG	3		\$ 64.20	\$ 642.00
1	4	1-4104	454	1	TSI/ Friable	Mag Type Chimney Insulation	Yes	12 SF	2	No Covering on Insulation (Raw Mag)	\$ 54.55	\$ 654.60
1	4	1-4104	454	2	TSI/ Friable	Air Cell Type Duct Insulation	Yes	12 SF	2	Open Bottom Edge	\$ 54.55	\$ 654.60
1	4	1-4106	456	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs < 2" Pipe	Yes	15 LF	3		\$ 25.58	\$ 383.70
1	4	1-4106	456	4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2" Diameter Pipe	Yes	2 FTG	3		\$128.40	\$ 256.80
1	4	1-4107	449	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	7 LF	2	Open Ends	\$ 51.45	\$ 360.15
1	4	1-4112	458	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	36 LF	3		\$ 25.58	\$ 920.88
1	4	1-4112	458	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	15 FTG	3		\$ 64.20	\$ 963.00
1	4	1-4114	453	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	22 LF	3		\$ 25.58	\$ 562.76
1	4	1-4114	453	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	13 FTG	3		\$ 64.20	\$ 834.60
1	4	1-4116	454	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	25 LF	3		\$ 25.58	\$ 639.50

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Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	4	1-4116	454	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	8 FTG	3 5		\$ 64.20	\$ 513.60
1	4	1-4118	454	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	22 LF	3 5		\$ 25.58	\$ 562.76
1	4	1-4118	454	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	4 FTG	3 5		\$128.40	\$ 513.60
1	4	1-4160	479 Wall Chase	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		2 LF	3 5		\$128.40	\$ 256.80
1	4	1-4200	400	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	25 LF	3 5		\$ 25.58	\$ 639.50
1	4	1-4200	400	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	4 FTG	3 5		\$128.40	\$ 513.60
1	4	1-4206	401	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	10 LF	3 5		\$ 25.58	\$ 255.80
1	4	1-4206	401	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	5 FTG	2 1	Open & Exposed Ends	\$ 64.20	\$ 321.00
1	4	1-4208	402	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	18 LF	3 5		\$ 25.58	\$ 460.44
1	4	1-4208	402	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	7 FTG	3 5		\$ 64.20	\$ 449.40
1	4	1-4209	402A	5	TSI/ Friable	Mag Type Insulation on Steam Pipe Straight Runs ≤ 2" Pipe	Yes	3 LF	3 5		\$128.40	\$ 385.20
1	4	1-4209	402A	6	TSI/ Friable	Mud Fittings on Steam Pipe ≤ 2" Diameter Pipe	Yes	6 FTG	3 5		\$ 64.20	\$ 385.20
	4	1-4215	EC4B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		5 LF	3 5		\$ 51.45	\$ 257.25
	4	1-4215	EC4B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		2 FTG	3 5		\$128.40	\$ 256.80
1	4	1-4217	430	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	20 LF	3 5	New Plaster Ceiling - Visible from Room 429	\$ 25.58	\$ 511.60
1	4	1-4217	430	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	2 FTG	3 5	New Plaster Ceiling - Visible from Room 429	\$128.40	\$ 256.80
1	4	1-4227	404A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	32 LF	2 1	Open & Exposed Ends, Formerly Room 405	\$ 25.58	\$ 818.56
1	4	1-4227	404A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	9 FTG	2 1		\$ 64.20	\$ 577.80

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Bldg	Floor	New Room No./ID	Former Room No./ID	HA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	4	1-4230	414	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	1 LF	3	5	\$128.40	\$ 128.40
1	4	1-4230	414	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	5 FTG	3	5	\$ 64.20	\$ 321.00
1	4	1-4260	418	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	41 LF	3	5	\$ 25.58	\$ 1,048.78
1	4	1-4260	418	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	14 FTG	3	5	\$ 64.20	\$ 898.80
1	4	1-4263	422	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	50 LF	3	5	\$ 25.58	\$ 1,279.00
1	4	1-4263	422	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	12 FTG	3	5	\$ 64.20	\$ 770.40
1	4	Corridor 1	C-4-1 Corridor	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	72 LF	2	1	\$ 25.58	\$ 1,841.76
1	4	Corridor 1	C-4-1 Corridor	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	4 FTG	3	5	\$128.40	\$ 513.60
1	4	Corridor 3	C-4-4 Corridor	3	TSI/ Friable	Old Fiberglass Insulation on Domestic Pipe Straight Runs ≤ 2" Pipe (Possibly Millboard)	Yes	20 LF	3	5	\$ 25.58	\$ 511.60
1	4	Corridor 3	C-4-4 Corridor	4	TSI/ Friable	Mud Fittings on Domestic Pipe ≤ 2" Diameter Pipe	Yes	2 FTG	3	5	\$128.40	\$ 256.80
1	5	1-5141	PS5B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		6 LF	2	1	\$ 51.45	\$ 308.70
1	5	1-5141	PS5B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		3 FTG	2	1	\$128.40	\$ 385.20
1	5	1-5155	530	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	8 LF	2	1	\$ 51.45	\$ 411.60
1	5	1-5155	530	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	1 FTG	2	1	\$128.40	\$ 128.40
1	5	1-5207	EC5B	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		29 LF	2	1	\$ 25.58	\$ 741.82
1	5	1-5207	EC5B	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		5 FTG	2	1	\$ 64.20	\$ 321.00
1	5	1-5215	520	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs	Yes	7 LF	3	5	\$ 51.45	\$ 360.15

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI



Bldg	Floor	New Room No./ID	Former Room No./ID	EIA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
1	5	1-5215	520	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation	Yes	2 FTG	3	5	\$128.40	\$ 256.80
1	5	1-5240	PC5A	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		64 LF	2	1 Some Open Ends	\$ 25.58	\$ 1,637.12
1	5	1-5240	PC5A	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		19 FTG	2	1	\$ 64.20	\$ 1,219.80
1	5	Corridor 1	C-5-1 Corridor	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	32 LF	3	5 By Rooms 1-5242 & 1-5244	\$ 25.58	\$ 818.56
1	5	Corridor 1	C-5-1 Corridor	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	6 FTG	2	1 Two Open Ends	\$ 64.20	\$ 385.20
1	P	Mechanical FM8	Penthouse B	29	TSI/ Friable	Pipe Insulation (Air Cell Type) on Drain Line		8 LF	3	5 One Fitting has Open Spot	\$ 51.45	\$ 411.60
1	P	Mechanical FM8	Penthouse B	34	TSI/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation		27 FTG	2	1 Damaged @ Cooling Unit on GC Line, Steam Valve @ North Wall	\$ 64.20	\$ 1,733.40
1	P	Mechanical FM8	Penthouse B	37	MM/ Nonfriable	Firedoors		42 SF	5		\$ 9.45	\$ 396.90
1	P	Mechanical FM8	Penthouse C	37	MM/ Nonfriable	Firedoors		21 SF	5		\$ 9.45	\$ 198.45
1	P	Mechanical FM8	Elevator Switch Room	37	MM/ Nonfriable	Firedoors		21 SF	5		\$ 9.45	\$ 198.45
3	Basement	Storage Quad	B-1	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		38 LF	3	5 Patched & Repaired June 2007	\$ 25.58	\$ 972.04
3	Basement	Storage Quad	B-1	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		12 FTG	3	5	\$ 64.20	\$ 770.40
3	Basement	Storage Quad	B-1	48	TSI/ Friable	Pipe Wrap: White Foamy Texture		1 LF	3	5 Line Above Outside Door on the West Side of Building	\$335.00	\$ 335.00
3	Basement	Storage Quad	B-3 (APT B)	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		74 LF	3	5 Includes Adjacent Space	\$ 25.58	\$ 1,892.92
3	Basement	Storage Quad	B-3 (APT B)	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		31 FTG	3	5	\$ 46.80	\$ 1,450.80
3	Basement	Storage Quad	B-4	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		72 LF	2	1 Lower Line Damaged	\$ 25.58	\$ 1,841.76

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	ILA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
3	Basement	Storage Quad	B-4	33	TSU/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		18 FTG	3 5		\$ 64.20	\$ 1,155.60
3	Basement	Storage Quad	B-5 (APT C)	28	TSU/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		33 LF	2 1	Open Ends	\$ 25.58	\$ 844.14
3	Basement	Storage Quad	B-7 (BLDG 2)	28	TSU/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		94 LF	3 5		\$ 25.58	\$ 2,404.52
3	Basement	Storage Quad	B-7 (BLDG 2)	33	TSU/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		13 FTG	2 1	Open Ends & Joints	\$ 64.20	\$ 834.60
3	Basement	Storage Quad	B-8 (APT D)	28	TSU/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		32 LF	3 5		\$ 25.58	\$ 818.56
3	Basement	Storage Quad	B-8 (APT D)	33	TSU/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		9 FTG	2 1	Damaged Fittings	\$ 64.20	\$ 577.80
3	Basement	Mechanical FM8	B-6 (ENG. SRVS)	28	TSU/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		30 LF	2 1	Open Ends & Split Seams	\$ 25.58	\$ 767.40
3	Basement	Mechanical FM8	B-6 (ENG. SRVS)	34	TSU/ Friable	Mud Pipe Joints on Fiberglass Pipe Insulation		3 FTG	3 5		\$128.40	\$ 385.20
4	1	4-105	105	28	TSU/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs	Yes	46 LF	2 1	Open Ends	\$ 25.58	\$ 1,176.68
4	1	4-105	105	33	TSU/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation	Yes	20 FTG	3 5		\$ 64.20	\$ 1,284.00
4	1	4-105	105	40	MM/ Nonfriable	12"x12" Floor Tile (Yellow Marble)		182 SF		Carpeted - Not Accessible	\$ 7.05	\$ 1,283.10
4	1	4-105	105	41	MM/ Nonfriable	12"x12" Floor Tile (Solid Orange)		12 SF		Carpeted - Not Accessible	\$ 11.75	\$ 141.00
4	1	4-105	105	42	MM/ Nonfriable	12"x12" Floor Tile (Solid Yellow)		21 SF		Carpeted - Not Accessible	\$ 11.75	\$ 246.75
4	1	4-105	105	43	MM/ Nonfriable	12"x12" Floor Tile (Solid Green)		26 SF		Carpeted - Not Accessible	\$ 11.75	\$ 305.50
4	1	4-106	106	32	TSU/ Friable	Pipe Insulation (Mag Type) on Straight Runs		23 LF	3 5		\$ 25.58	\$ 588.34
4	1	4-106	106	35	TSU/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		12 FTG	2 1	Open End	\$ 64.20	\$ 770.40
4	1	4-108	108	28	TSU/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		6 LF	2 1	Damage in Southeast Corner, Not Labeled	\$ 51.45	\$ 308.70

Room Inventory Estimated Cost - VA Medical Center, Saginaw, MI

Bldg	Floor	New Room No./ID	Former Room No./ID	HLA No.	Mtrl	Homogeneous Area Description	Above Ceiling	Quantity Unit	Response AHERA Category	Comments	Unit Cost	Estimated Cost
4	1	4-108	108	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		7 FTG	3	5 Not Labeled	\$ 64.20	\$ 449.40
4	2	4-212	212	19	MM/ Nonfriable	12"x12" Floor Tile (White & Grey Streaks)		40 SF		Carpeted - Not Accessible	\$ 11.75	\$ 470.00
4	2	4-213	213	19	MM/ Nonfriable	12"x12" Floor Tile (White & Grey Streaks)		60 SF	4	5 New Tile	\$ 11.75	\$ 705.00
4	2	4-215	215	19	MM/ Nonfriable	12"x12" Floor Tile (White & Grey Streaks)		49 SF	4	5 New Tile	\$ 11.75	\$ 575.75
6	Basement	Tunnel	Tunnel to Building 01	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		1,960 LF		Unable to Access, Some Abated in January 2007	\$ 46.80	\$ 91,728.00
6	1	Mechanical FM8	Boiler Room	46	TSI/ Friable	Mag Type Boiler Stack Insulation		75 LF	3	5	\$ 31.20	\$ 2,340.00
6	1	Bath FM8	Boiler Room Bathroom	32	TSI/ Friable	Pipe Insulation (Mag Type) on Straight Runs		13 LF	2	1 Open Ends, Encased in Metal Jacketing, Appears same as Newer Block in Boiler Room, Not Labeled	\$ 25.58	\$ 332.54
6	1	Bath FM8	Boiler Room Bathroom	35	TSI/ Friable	Mud Pipe Joints on Mag Type Pipe Insulation		4 FTG	3	5 Encased in Metal Jacketing	\$128.40	\$ 513.60
9	1	Storage AMMS	Warehouse	28	TSI/ Friable	Pipe Insulation (Air Cell Type) on Straight Runs		70 LF	3	5	\$ 25.58	\$ 1,790.60
9	1	Storage AMMS	Warehouse	33	TSI/ Friable	Mud Pipe Joints on Air Cell Type Pipe Insulation		6 FTG	3	5 Encapsulated 05/25/2004	\$ 64.20	\$ 385.20
										TOTAL		\$ 429,621.41

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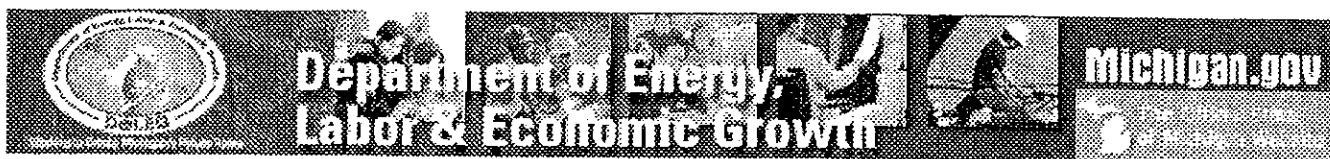
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Name and Address				
Name	ALLEN, TED C.			
Address				
City, State, Zip	AUBURN, MI 48611			

License Information				
License Type	ID #	Status	Expiration Date	Training Expiration Date
Inspector	A8654	Apprvd - Full	05/13/2011	06/18/2011
Contractor/Supervisor	A8654	Apprvd - Full	12/20/2010	08/27/2010

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Name and Address				
Name	LAFRAMBOISE, LOUIS J.			
Address				
City, State, Zip	AUBURN, MI 48611			

License Information				
License Type	ID #	Status	Expiration Date	Training Expiration Date
Contractor/Supervisor	A10684	Apprvd - Full	05/16/2011	08/27/2010
Inspector	A10684	Apprvd - Full	07/12/2011	06/18/2011

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Name and Address				
Name	SCHULTZ, ANNE V.			
Address				
City, State, Zip	SAGINAW, MI 48609			

License Information				
License Type	ID #	Status	Expiration Date	Training Expiration Date
Inspector	A1880	Apprvd - Full	06/07/2011	06/18/2011
Contractor/Supervisor	A1880	Apprvd - Full	06/07/2011	09/08/2010

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