



DEPARTMENT OF THE AIR FORCE  
75TH CIVIL ENGINEERING (CEOHA)  
HILL AIR FORCE BASE, UTAH



# ASBESTOS LEAD BASED PAINT LIMITED INSPECTION REPORT

INSPECTION DATE: 29 September 2020

(This inspection is valid for three years from the inspection date regardless of Exp. Date of inspector cert. If past this date, a visual or additional assessment will then be required)

Reference UDAQ R307-807-6

Utah Certified State Inspector: Casey Devlin

(ASB#-6734: Expires 25 October 2020, PB#-2550: Expires-6 November 2022)

CONSTRUCTING ADDITION AND RENOVATE

WORK TASK/CAPITAL PROJECT #: 6602776

FACILITY: 591

FACILITY CONSTRUCTION DATE: 1963

REQUESTER: GARRETT PANTONE

ORGANIZATION: 419th FW

REQUESTED: 21 August 2019



THE QUANTITIES WITHIN THIS REPORT ARE ESTIMATES AND SHOULD  
NOT BE USED FOR BIDDING PURPOSES

PREPARED BY: Casey Devlin (ASB#-6734, PB#-2550)

SIGNATURE: \_\_\_\_\_



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**LIMITED ASBESTOS INSPECTION REPORT INFORMATION**

**Statement of Work:** Constructing Addition and Renovate.

This inspection was performed in accordance with the Utah Division of Air Quality (DAQ) requirements as found in the Utah Air Quality Rule R307-801-10. This inspection report is required to be on site during all abatement, renovation, and demolition activities. Samples referenced in this report were analyzed by polarized light microscopy (PLM) utilizing method 600R-93-116 by The Science and Engineering Laboratory (AIHA Acc.#-101572) at Hill Air Force Base, Utah (R307-801-10.8.a-b).

Civil Engineering personnel also reviewed previous asbestos inspection reports of suspect asbestos containing materials (ACM) that could potentially be encountered in the proposed area/areas. The information gathered from all current and previous inspections is shown below by homogenous area (R307-801-9-4).

**The quantities within this report are estimates and are not to be used for bidding purposes.**

SUMMARY OF ASBESTOS CONTAINING MATERIALS FOUND					
MATERIAL TYPE	ASBESTOS	FRIABILITY	*RACM *Category I *Category II	QUANTITY	*LOCATIONS FOUND
Sheet Vinyl, Tan	Assumed	Friable	RACM	100 Square Feet	Room 122, And Eletrical Room

Table 1

**\*Per UDAQ definition.**

**RACM:** Regulated Asbestos-Containing Material (RACM)" means friable ACM, Category I non-friable ACM that has become friable, Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation project operations.

**Category I Non-Friable ACM:** Asbestos-containing packings, gaskets, resilient floor coverings, or asphalt roofing products containing more than 1% asbestos as determined by using the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM).

**Category II Non-Friable ACM:** Any material, excluding Category I non- friable ACM, containing more than 1% asbestos as determined by using the methods specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM) that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

**Locations found:** Locations of building materials as described in this report indicate where they were found, but do not necessarily mean that these are the only locations where these materials may be encountered during the project.

Per EPA requirements, all materials analyzed as containing ≤10% asbestos are point counted utilizing EPA method 600/R-93/116 this information is summarized in Table 2.

**Per Hill AFB requirements, all materials containing any detectable amount of asbestos shall be handled as Asbestos Containing Material (ACM). Table 2 shows the summary of materials containing ≤1% that were identified via "Point Counting". Per EPA/UDAQ ≤1% is not considered to be an asbestos containing material, but special handling/packaging requirements are necessary per OSHA 29CFR 1926.1101 and 29CFR 1910.1001**

MATERIAL TYPE	ASBESTOS	QUANTITY	*LOCATIONS FOUND
N/A	N/A	N/A	N/A

Table 2.

The following is a list of the "Suspect Materials" that were sampled as part of this inspection:	
2'x4' Simulated Ceiling Tile Pockmarks/Pinholes Patern, White	Wall Batt Insulation, Foil Over Yellow
Ceiling Batt Insulation, Foil Over Yellow	2'x4' Ceiling Tile, Pockmarks/Pinholes Pattern, White
2'x4' Ceiling Tile, Wormygrooves/Pinholes Pattern, White	Drywall/Joint Compound Wall System
Drywall/Joint Compound Ceiling System	Flooring Adhesive, Black
Sheet Vinyl, Tan	Thermal System Pipe Insulation, White Over Yellow

Table 3.

A total of 33 samples reference the 10 suspect materials assessed as part of the inspection.

The following table summarizes the sampling data.

Homogenous Building Material, Description, Location, Quantity.	Sample #	Sample Location	Results
2'x4' Simulated Ceiling Tile, Pockmarks/Pinholes Pattern, White, Multiple Locations, 3,000 Square Feet	GM202424	West Center, North Half	None-Detected
	GM202425	Northwest, North Half	None-Detected
	GM202426	Southwest, North Half	None-Detected
Wall Batt Insulation, Foil Over Yellow, Multiple Locations, 1,000 Square Feet	GM202427	Northwest, South Half	None-Detected
	GM202428	West Center, North Half	None-Detected
	GM202429	Southwest, North Half	None-Detected
Ceiling Batt Insulation, Foil Over Yellow, Multiple Locations, 1,000 Square Feet	GM202430	Northwest, South Half	None-Detected
	GM202431	West Center, North Half	None-Detected
	GM202432	Southwest, North Half	None-Detected
	GM181098	Southeast, South Bay	None-Detected
	GM181099	West Center, South Bay	None-Detected
2'x4' Ceiling Tile, Pockmarks/Pinholes Pattern, White, Multiple Locations, 3,000 Square Feet	GM181100	West Center, South Bay	None-Detected
	GM181101	East Center, Formation Room	None-Detected
	GM181102	North Center, Conference Room	None-Detected
	GM181103	Southeast, Computer Room	None-Detected

2'x4' Ceiling Tile, Wormygrooves/Pinholes Pattern, White, Multiple Locations, 1,000 Square Feet	GM181104	East Center, Formation Room	None-Detected
	GM181105	Southeast, Computer Room	None-Detected
	GM181106	Northwest, Formation Room	None-Detected
Drywall/Joint Compound Wall System, Multiple Locations, 3,000 Square Feet	GM181107	Southeast, Formation Room	None-Detected
	GM181108	Northwest, Janitor Closet	None-Detected
	GM181109	Southeast, West Entry	None-Detected
Drywall/Joint Compound Ceiling System, Multiple Locations, 200 Square Feet	GM181110	Southeast, Janitor Closet	None-Detected
	GM181111	East Center, West Entry Room	None-Detected
	GM181112	Southeast, West Center Room	None-Detected
Flooring Adhesive, Black, Meeting Room, 1,000 Square Feet	GM130749	Center	None-Detected
	GM130750	Southwest	None-Detected
	GM130751	Southeast	None-Detected
Sheet Vinyl, Tan, Multiple Locations, 100 Square Feet	<b>GM210098</b>	<b>East Center, Room 122</b>	<b>Assumed</b>
	<b>GM210099</b>	<b>Southeast, Room 122</b>	<b>Assumed</b>
	<b>GM210100</b>	<b>West Center, Electrical Room</b>	<b>Assumed</b>
Thermal System Pipe Insulation, White Over Yellow, Fire Riser Room, 1,000 Linear Feet	GM210101	Southwest, Fire Riser Room	None-Detected
	GM210102	Southwest, Fire Riser Room	None-Detected
	GM210103	South Center, Fire Riser Room	None-Detected

Table 4.

**POTENTIAL FOR ADDITIONAL MATERIALS:**

This inspection report only encompasses the areas/materials designated within the scope of work that was provided at the date of inspection (see title page for inspection date). Should the scope of the project be altered in any way or any materials found that are not identified in this report shall require additional assessment. This report cannot be used for any other projects within the building.

Any questions or concerns regarding this inspection report or if any new suspect asbestos containing material (ACM) is encountered, stop work and contact the personnel listed below for further assistance/assessment.

**CONTACT INFORMATION**  
**Asbestos/LBP Shop 75 CES(CEOHA)**

**Supervisor:** Taylor Brimberry: DSN: (801)586-7094  
Cell: (801)940-2970

Asbestos/LBP Shop Personnel  
DSN:(801)777-8006



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LIMITED LEAD-BASED PAINT IDENTIFICATION REPORT INFORMATION

SCOPE OF WORK: Constructing Addition and Renovate.

1-Table 1 below, summarizes the painted/coated building components that tested positive for Lead Based Paint/Coating. These components should be segregated or abated prior to renovation or demolition, and a composite TCLP taken of the waste before disposal.

2-The condition column is the condition only of the painted/coated component (See final page for all readings/samples).

XRF Analyzer Used: XRF Analyzer XL3t 300 (Serial #96588)

XL Number	Substrate	Component	Color	Lead Reading	Paint Condition
871	Ceramic	4" Wall Tile	White	9.28	Good
873	Ceramic	4" Wall Tile	White	10.17	Good
877	Ceramic	4" Wall Tile	White	6.72	Good
878	Ceramic	4" Wall Tile	White	12.58	Good

Table 1.

3-The U.S. Department of Housing and Urban Development defines Lead-based paint as any paint, varnish, stain, or other applied coating that has 1 mg/cm<sup>2</sup> as measured by an X-ray Fluorescence (XRF) Analyzer or laboratory analysis or 0.5 percent by weight (5,000 µg/g by dry weight) by laboratory analysis, or more of lead.

**All other components tested were less than 0.80 mg/cm<sup>2</sup>.**

4-Any effort to disturb lead paint can create lead dust. Ensure that appropriate abatement, cleanup, and disposal will be accomplished and that appropriate safety measures are taken IAW 29 CFR 1926.62. If you have any questions concerning this report, contact the Asbestos/LBP Shop: Traver Andreasen at 586-7094.

5-This inspection report only encompasses the areas/materials designated within the scope of work that was provided at the date of the inspection (see title page for date). This report must be modified should the scope of the project be altered in any way or additional materials not previously identified within this report are encountered. This report may not be used for any other projects within the building.

Pre Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range
505	0.87	Per 20 Second Reading
506	0.84	
507	0.87	
<b>Range:</b>	<b>.8 to 1.2</b>	

Model#	Serial #
XRF Analyzer XL3t 300 (Serial #96588)	

Post Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range
534	0.97	Per 20 Second Reading
535	0.90	
536	0.95	
<b>Range:</b>	<b>.8 to 1.2</b>	

XL Number	Room/Area	Side	Structure	Paint Condition	Substrate	Color	PbL(mg/cm <sup>2</sup> )	NEG/POS
508	Exterior 591	West	Siding	Fair	Metal	Yellow	0.01	NEG
509	Exterior 592	West	Siding	Fair	Metal	Tan	0.01	NEG
510	Exterior 593	West	Drip Edge	Fair	Metal	Tan	0.01	NEG
511	Exterior 594	West	Roof	Fair	Metal	White	0.01	NEG
512	Exterior 595	West	Roof Cap	Fair	Metal	White	0.03	NEG
513	Exterior 596	West	Window Panel	Fair	Metal	Brown	0.01	NEG
514	Exterior 597	West	Frame	Fair	Metal	Brown	0.01	NEG
515	Exterior 598	West	Door	Fair	Metal	Brown	0.01	NEG
516	Exterior 599	West	Door Frame	Fair	Metal	White	0.01	NEG
517	Center Office	West	Wall	Good	Drywall	Off White	0.01	NEG
518	Center Office	West	Wall	Good	Drywall	Grey	0.01	NEG
519	Center Office	West	Chair Rail	Good	Wood	Grey	0.01	NEG
520	Center Office	West	Window Frame	Good	Wood	Grey	0.01	NEG
521	Center Office	West	Window Sill	Good	Wood	Grey	0.01	NEG
522	Center Office	West	Door Jam	Good	Metal	Grey	0.01	NEG
523	Room 107	South	Wall	Good	Drywall	Off White	0.01	NEG
524	Room 107	West	Wall	Good	Drywall	Red	0.01	NEG
525	Room 107	West	Window Frame	Good	Wood	Brown	0.01	NEG
526	Room 106	West	Wall	Good	Drywall	Tan	0.01	NEG
527	Room 106	West	Wall	Good	Drywall	Blue	0.01	NEG
528	Room 106	West	Chair Rail	Good	Wood	White	0.01	NEG
529	Room 106	West	Window Frame	Good	Wood	White	0.01	NEG
530	Room 110	West	Wall	Good	Drywall	White	0.06	NEG
531	Room 110	North	Structural Steel	Good	Metal	Red	0.01	NEG
532	Room 108	North	Wall	Good	Drywall	Tan	0.01	NEG
533	Room 109	North	Wall	Good	Drywall	White	0.01	NEG

Pre Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range
866	1.07	Per 20 Second Reading
867	1.00	
868	1.06	
<b>Range:</b>	<b>.8 to 1.2</b>	

Model#	Serial #
XRF Analyzer XL3t 300 (Serial #96588)	

Post Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range
881	0.97	Per 20 Second Reading
882	1.03	
883	0.86	
<b>Range:</b>	<b>.8 to 1.2</b>	

XL Number	Room/Area	Side	Structure	Paint Condition	Substrate	Color	PbL(mg/cm <sup>2</sup> )	NEG/POS
869	Southwest Bay	Center	Floor	Fair	Concrete	Grey	0.01	NEG
870	Men's Restroom	West	Wall	Good	Drywall	Tan	0.01	NEG
<b>871</b>	<b>Men's Restroom</b>	<b>West</b>	<b>4" Wall Tile</b>	<b>Good</b>	<b>Ceramic</b>	<b>White</b>	<b>9.28</b>	<b>POS</b>
872	Men's Restroom	West	4" Wall Tile	Good	Ceramic	Red	0.01	NEG
<b>873</b>	<b>Men's Restroom</b>	<b>West</b>	<b>4" Wall Tile</b>	<b>Good</b>	<b>Ceramic</b>	<b>White</b>	<b>10.17</b>	<b>POS</b>
874	Men's Restroom	Center	1" Floor Tile	Good	Ceramic	White	0.01	NEG
875	Men's Restroom	West	Partition	Good	Metal	Pink	0.01	NEG
876	Men's Restroom	West	Door Jamb	Good	Metal	Red	0.10	NEG
<b>877</b>	<b>Women's Restroom</b>	<b>North</b>	<b>4" Wall Tile</b>	<b>Good</b>	<b>Ceramic</b>	<b>White</b>	<b>6.72</b>	<b>POS</b>
<b>878</b>	<b>Women's Restroom</b>	<b>North</b>	<b>4" Wall Tile</b>	<b>Good</b>	<b>Ceramic</b>	<b>White</b>	<b>12.58</b>	<b>POS</b>
879	Women's Restroom	North	4" Wall Tile	Good	Ceramic	Red	0.01	NEG