



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



ASBESTOS LEAD BASED PAINT INSPECTION REPORT

INSPECTION DATE: 03 August 2022

(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: Kyle Daly

(ASB#-7321: Expires-17 Sept. 2022, PB#-2753: Expires-17 March 2024)

DEMOLISH FACILITY

WORK TASK/CAPITAL PROJECT #: 11650890

FACILITY: 2006

FACILITY CONSTRUCTION DATE: 1942

REQUESTER: JEFFERY EGBERT

ORGANIZATION: 309TH CMXG

REQUESTED: 20 July 2022



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

PREPARED BY: Kyle Daly (ASB#-7321, PB#-2753)

SIGNATURE: _____



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Hill Air Force Base

ASBESTOS INSPECTION REPORT INFORMATION

Statement of Work: Demolish Facility.

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
Transite Roof Panels	Assumed	Non-Friable	Category II	320 Square Feet	Roof

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.

<p>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</p>			
MATERIAL TYPE	ASBESTOS	QUANTITY	*LOCATIONS FOUND
N/A	N/A	N/A	N/A

Table 2.

<p>The following is a list of the "Suspect Materials" that were sampled as part of this inspection:</p>	
Flooring Over Brown Cloth	Plater Wall, Brown Over White

Table 3.

A total of 4 samples reference the 2 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
Flooring Over Brown Cloth, Interior, 250 Square Feet	GM221998	North Center	None-Detected
	GM221999	Center	None-Detected
	GM222000	South Center	None-Detected
Plaster Wall, Brown Over White, Interior, 300 Square Feet	GM222001	South Center	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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LEAD-BASED PAINT IDENTIFICATION REPORT INFORMATION

SCOPE OF WORK: Demolish Facility.

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
1804	Concrete	Building Number	Black	2.61	Poor
1805	Concrete	Building Number	White	1.02	Poor
1806	Metal	Structural Steel	Red	5.13	Poor
1807	Metal	Door	White	10.15	Poor
1808	Metal	Door	Orange	3.69	Poor
1809	Metal	Door Frame	White	9.36	Poor
1810	Metal	Door Frame	Orange	1.59	Poor

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/cm² 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/cm².**

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: Taylor Brimberry 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 ²)	Calibration Range
1750	1.06	Per 20 Second Reading
1751	0.90	
1752	1.08	
Range:	.8 to 1.2	

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

Post Calibration	PbL (mg/cm ²)	Calibration Range
1813	1.03	Per 20 Second Reading
1814	1.03	
1815	1.08	
Range:	.8 to 1.2	

XL Number	Room/Area	Side	Structure	Paint Condition	Substrate	Color	PbL(mg/cm ²)	NEG/POS
1804	Exterior	North	Building Number	Poor	Concrete	Black	2.61	POS
1805	Exterior	North	Building Number	Poor	Concrete	White	1.02	POS
1806	Exterior	North	Structural Steel	Poor	Metal	Red	5.13	POS
1807	Exterior	North	Door	Poor	Metal	White	10.15	POS
1808	Exterior	North	Door	Poor	Metal	Orange	3.69	POS
1809	Exterior	North	Door Frame	Poor	Metal	White	9.36	POS
1810	Exterior	North	Door Frame	Poor	Metal	Orange	1.59	POS
1811	Interior	South	Wall	Poor	Concrete	Tan	0.01	NEG
1812	Interior	South	Wall	Poor	Concrete	White	0.01	NEG