



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



ASBESTOS LEAD BASED PAINT INSPECTION REPORT

INSPECTION DATE: 30 March 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)

DEMO FACILITY

WORK TASK/CAPITAL PROJECT #: 9587712

FACILITY: 2108

FACILITY CONSTRUCTION DATE: 1941

REQUESTER: RANDAL JUDD

ORGANIZATION: HILL AFB - VACANT

REQUESTED: 24 March 2021



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: Demo 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
Door Insulation, White	Assumed	Friable	RACM	30 Square Feet	Exterior Door
Door Sealant, Off-White	4% Chrysotile	Friable	Category I	20 Linear Feet	Interior West Doors

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.

The following is a list of the "Suspect Materials" that were sampled as part of this inspection:	
Exterior Wall Coating, Black	Door Sealant, Off-White

Table 3.

A total of 6 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
Exterior Wall Coating, Black, Exterior, 2,000 Square Feet	GM221467	South Center, Exterior	None-Detected
	GM221468	South Center, Exterior	None-Detected
	GM221469	South Center, Exterior	None-Detected
Door Sealant, Off-White, West Half Interior, 30 Square Feet	GM221470	Southeast, West Half	4% Chrysotile
	GM221471	Southeast, West Half	3% Chrysotile
	GM221472	Northeast, West Half	4% Chrysotile

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: Demo 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 #30660)

XL Number	Substrate	Component	Color	Lead Reading	Paint Condition
1027	Metal	Door	Grey	7.60	Poor
1028	Metal	Door	Brown	5.34	Poor
1029	Metal	Door Frame	Grey	11.2	Poor

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
992	0.86	Per 20 Second Reading
993	1.11	
994	0.88	
Range:	.8 to 1.2	

Model#	Serial #
XRF Analyzer XL3t 300 (Serial #30660)	

Post Calibration	PbL (mg/cm ²)	Calibration Range
1031	1.11	Per 20 Second Reading
1032	0.93	
1033	0.96	
Range:	.8 to 1.2	

XL Number	Room/Area	Side	Structure	Paint Condition	Substrate	Color	PbL(mg/cm ²)	NEG/POS
1022	Exterior	South	Door	Poor	Metal	Grey	0.01	NEG
1023	Exterior	South	Door Frame	Poor	Metal	Grey	0.01	NEG
1024	Interior	East	Floor	Fair	Concrete	Red	0.01	NEG
1025	Interior	East	Floor	Fair	Concrete	Grey	0.01	NEG
1026	Interior	East	Wall	Fair	Concrete	Red	0.01	NEG
1027	Interior	East	Door	Poor	Metal	Red	7.60	POS
1028	Interior	East	Door	Poor	Metal	Brown	5.34	POS
1029	Interior	East	Door Frame	Poor	Metal	Grey	11.20	POS