



Limited XRF Lead Inspection Report

Client:

Mr. Carl D'Acosta
Phoenix-Mesa Gateway Airport
6263 S. Taxiway Circle
Mesa, Arizona 85212

Project Location:

Building 45
5803 S. Sossaman Road
Mesa, Arizona 85212

JRM Job: 18-0342

Inspection Date: April 4, 2018

Report Date: April 11, 2018

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Limited XRF Lead Inspection Report

Sent Via Email: cd'acosta@gatewayairport.com

Mr. Carl D'Acosta
Phoenix-Mesa Gateway Airport
6263 S. Taxiway Circle
Mesa, Arizona 85212

RE: Building 45
5803 S. Sossaman Road
Mesa, Arizona 85212

JRM Lab: XRF 18-0342
JRM Job: 18-0342

Dear Mr. D'Acosta,

Please find herein the sampling results and final project documentation for the above referenced site.

Site Reconnaissance and Inspector Information

Mr. Steven Chamberlain inspected the subject site for lead pursuant to our scope of work on April 4, 2018. Mr. Chamberlain is a certified Environmental Protection Agency (EPA) risk assessor.

Authorization to Proceed and Scope of Work

The sampling, testing, and subsequent material analysis was conducted pursuant to a written authorization given to JRM Environmental, Inc. (JRM) by Carl, Phoenix-Mesa Gateway Airport. Our scope of work included the identification of suspect painted materials of the building interior.

Report Summary

All suspect painted materials tested negative for asbestos. Please see Attachment 1 for results.

General Lead Information

Lead is a highly toxic metal that was used for many years in products, such as LBP, found in and around homes and commercial buildings. LBP use was banned in 1978 and is regulated by the EPA and Housing and HUD in the Residential Lead-Based Paint Hazard Reduction Act of 1992, including the Residential Lead-Based Paint Disclosure Program Section 1018, as well as the Residential Lead Hazard Standards in TSCA Section 403. In addition, the Occupational Safety and Health Administration (OSHA) regulate worker protection during renovation and/or demolition of structures with LBP.

The Lead in dust and paint chips is toxic if ingested or inhaled. The smallest lead dust particles cannot be seen, but if they get into the body, the lead can cause numerous health problems, Children and pregnant women are particularly susceptible to lead poisoning, which can cause reduced IQ and learning disabilities by affecting developing nervous systems, as well as causing slowed growth, hearing problems and behavior problems. Adults are also susceptible to lead, which can result in high blood pressure, headaches, digestive problems, memory and concentration problems, kidney damage, mood changes, nerve disorders, sleep disturbances, and muscle or joint pain.

A single, very high exposure to lead can cause lead poisoning. LBP that is in poor condition, or that is disturbed during renovation and remodeling projects, such as demolition, dry-sanding, scraping, brushing, or burning surfaces with a layer of LBP, can produce dust with lead, which can be inhaled, or enter the body from hand-to-mouth contact. If renovation work is not conducted properly, lead dust can remain in a home or building long after the work is done. Always use lead safe work practices.

Abatement of Lead

- (1) The removal of LBP and lead-contaminated dust, the permanent enclosure or encapsulation of lead-based paint, the replacement of lead-painted surfaces or fixtures, and the removal or covering of lead-contaminated soil; and
- (2) All preparation, cleanup, disposal, and post-abatement clearance testing associated with such measures.
- (3) Specifically, abatement includes, but is not limited to: (i) projects for which there is a written contract or other documentation, which provides that an individual or firm will be conducting activities in or to a residential dwelling or child-occupied facility that: (A) Shall Result in the permanent elimination of LBP hazards; or (B) Are designed to permanently eliminate LBP hazards and are described in paragraphs (1) and (2) of this definition. (ii) Projects resulting in the permanent elimination of LBP hazards, conducted by firms or individuals certified in accordance with Sec. 745.226, unless such projects are covered by paragraph (4) of this definition; (iii) Projects resulting in the permanent elimination of LBP hazards, conducted by firms or individuals who, through their company name or promotional literature, represent, advertise, or hold themselves out to be in the business of performing BBP activities as identified and defined by this section, unless such projects are covered by paragraph (4) of this definition; or (iv) Projects resulting in the permanent elimination of LBP hazards, that are conducted in response to State of local abatement orders.

Exposure Levels

The General Industry Lead Standard (29 CFR 1910.1025), and the lead in Construction Interim Final Standard (29 CFR 1926.62) set the following Action Level (AL), Permissible Exposure Limit (PEL), and Allowable Blood Lead Level, and medical removal criteria:

Action Level = 30 micrograms of lead per cubic meter (30 $\mu\text{g}/\text{m}^3$) of air (8-hour average)

Permissible Exposure Limit = 50 $\mu\text{g}/\text{m}^3$ of air (8-hour average)

Allowable Blood Lead Level = up to 50 micrograms of lead per deciliter (40 $\mu\text{g Pb per dl}$) whole blood

Project Signature

This concludes our work under this phase of the project. Should you have any questions concerning this report, please contact me at your convenience.

JRM Environmental, Inc.



Steven Chamberlain
EPA Lead Inspector LBP-R-I172233-1
Expires September 22, 2020

**Attachment 1:
XRF Summary of Readings**

XRF Detailed Summary

JRM Job: 18-0342 5803 S. Sossaman Road Mesa, Arizona 85212

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Condition	Color	Lead	Results
1	Exterior	Exterior	West	Wall	Concrete	Intact	Tan	-0.10	Negative
2	Exterior	Exterior	West	Wall	Concrete	Intact	Brown	-0.20	Negative
3	Exterior	Electrical Room	West	Door	Metal	Intact	Gray	-0.20	Negative
4	Exterior	Electrical Room	West	Doorframe	Metal	Intact	Gray	-0.10	Negative
5	Exterior	Exterior	West	Downspout	Metal	Intact	Tan	-0.10	Negative
6	Exterior	Exterior	North	Wall	Concrete	Intact	Tan	-0.20	Negative
7	Exterior	TSA	North	Door	Metal	Intact	Brown	-0.10	Negative
8	Exterior	TSA	North	Doorframe	Metal	Intact	Brown	-0.30	Negative
9	Exterior	Exterior	North	Wall	Stucco	Intact	Brown	-0.10	Negative
10	Exterior	Exterior	East	Wall	Concrete	Intact	Tan	-0.30	Negative
11	Exterior	Lobby Entry	East	Wall	Concrete	Intact	Brown	-0.10	Negative
12	Exterior	Exterior	South	Wall	Concrete	Intact	Tan	-0.20	Negative
13	Exterior	Exterior	South	Wall	Concrete	Intact	Brown	-0.10	Negative
14	Interior	Lobby	West	Wall	Drywall	Intact	White	-0.20	Negative
15	Interior	Lobby	West	Column	Drywall	Intact	White	-0.10	Negative
16	Interior	Lobby	West	Wall	Drywall	Intact	Red	-0.20	Negative
17	Interior	Lobby	East	Wall	Drywall	Intact	White	-0.30	Negative
18	Interior	Lobby	South	Wall	Drywall	Intact	Red	-0.20	Negative
19	Interior	Lobby	North	Doorframe	Wood	Intact	White	-0.40	Negative
20	Interior	West Corridor	West	Wall	Drywall	Intact	White	-0.20	Negative
21	Interior	West Corridor	East	Wall	Drywall	Intact	Dark Tan	-0.10	Negative
22	Interior	Pilot Lounge	West	Wall	Drywall	Intact	White	-0.20	Negative
23	Interior	Pilot Lounge	North	Wall	Drywall	Intact	White	-0.30	Negative
24	Interior	Pilot Lounge	East	Wall	Drywall	Intact	White	-0.20	Negative
25	Interior	104 Pegasus	West	Wall	Drywall	Intact	White	-0.20	Negative
26	Interior	104 Pegasus	East	Doorframe	Metal	Intact	Tan	-0.20	Negative
27	Interior	FDM	East	Doorframe	Metal	Intact	Tan	-0.10	Negative

XRF Detailed Summary

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Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Condition	Color	Lead	Results
28	Interior	Office	West	Wall	Drywall	Intact	White	-0.10	Negative
29	Interior	Office	East	Wall	Drywall	Intact	White	-0.30	Negative
30	Interior	Office	West	Wall	Drywall	Intact	White	-0.10	Negative
31	Interior	Office	South	Wall	Drywall	Intact	White	-0.20	Negative
32	Interior	Office	South	Doorframe	Metal	Intact	White	-0.10	Negative
33	Interior	Office	West	Wall	Drywall	Intact	White	-0.30	Negative
34	Interior	Office Closet	East	Wall	Drywall	Intact	White	-0.10	Negative
35	Interior	Office	South	Wall	Drywall	Intact	White	-0.20	Negative
36	Interior	Conference Room	West	Wall	Drywall	Intact	White	-0.30	Negative
37	Interior	Conference Room	West	Doorframe	Drywall	Intact	Dark Tan	-0.10	Negative
38	Interior	Flight Crew Lounge	West	Wall	Drywall	Intact	Gray	-0.20	Negative
39	Interior	Flight Crew Lounge	South	Wall	Drywall	Intact	Gray	-0.40	Negative
40	Interior	Flight Crew Lounge	South	Doorframe	Metal	Intact	Tan	-0.10	Negative
41	Interior	Lobby Desk	West	Counter	Drywall	Intact	Gray	-0.20	Negative
42	Interior	Lobby Desk	East	Window Frame	Metal	Intact	White	-0.10	Negative
43	Interior	Lobby Desk	North	Window Frame	Metal	Intact	White	-0.20	Negative
44	Interior	FBO Offices	Northwest	West Wall	Drywall	Intact	White	-0.30	Negative
45	Interior	FBO Offices	Northwest	West Wall	Drywall	Intact	White	-0.10	Negative
46	Interior	FBO Offices Hall	North	Wall	Drywall	Intact	White	-0.20	Negative
47	Interior	FBO Lounge	South	Wall	Drywall	Intact	White	-0.10	Negative
48	Interior	FBO Lounge	East	Doorframe	Metal	Intact	Tan	0.00	Negative
49	Interior	FBO Lounge	North	Wall	Drywall	Intact	Tan	-0.20	Negative
50	Interior	FBO Restroom	West	Wall	Drywall	Intact	Tan	-0.10	Negative
51	Interior	FBO Restroom	North	Wall	Drywall	Intact	Tan	0.00	Negative
52	Interior	FBO Restroom	East	Doorframe	Metal	Intact	Tan	-0.20	Negative
53	Interior	FBO East Hall	East	Door	Metal	Intact	Tan	-0.10	Negative
54	Interior	FBO East Hall	East	Doorframe	Metal	Intact	Tan	-0.20	Negative

XRF Detailed Summary

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Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Condition	Color	Lead	Results
55	Interior	FBO East Hall	South	Wall	Drywall	Intact	Tan	-0.10	Negative
56	Interior	FBO East Entrance	East	Doorframe	Metal	Intact	Tan	-0.10	Negative
57	Interior	FBO East Entrance	East	Window Frame	Metal	Intact	Tan	-0.30	Negative
58	Interior	FBO East Entrance	South	Wall	Drywall	Intact	Tan	-0.20	Negative
59	Interior	FBO East Entrance	West	Wall	Drywall	Intact	Tan	0.00	Negative
60	Interior	FBO Admin Office	South	Wall	Drywall	Intact	Tan	-0.10	Negative
61	Interior	FBO Admin Office	East	Wall	Drywall	Intact	Tan	0.00	Negative

Attachment 3: Inspector Certification

United States Environmental Protection Agency

This is to certify that

Steven P Chamberlain



has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires September 22, 2020

LBP-R-1172233-1

Certification #

September 08, 2017

Issued On



Adrienne Priselac, Manager, Toxics Office
Land Division