



2604 NE Industrial Drive, Suite 230
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November 11, 2019

Diane Czarnecki
Industrial Hygienist
Facilities Management Division
GSA Public Buildings Service – Heartland Region
2300 Main Street
Kansas City, Missouri 64108

RE: Side-by-Side Environmental Sampling Report – Bldg. 110
Goodfellow Federal Center
4300 Goodfellow Boulevard, St. Louis, MO 63120
Project Number: 919103

Ms. Czarnecki,

In response to an ongoing Occupational Safety and Health Administration (OSHA) inspection of the Goodfellow Federal Center (GFC) located at the above referenced address, OCCU-TEC Inc. (OCCU-TEC) was contracted by the General Services Administration (GSA) to collect representative environmental samples from various locations throughout the building. OCCU-TEC was instructed to collect samples for the same contaminants at approximately half of the same locations as the OSHA inspector.

OCCU-TEC collected samples from Building 110 on October 14, 2019. The air samples were analyzed for Asbestos, and Lead. Settled dust samples were analyzed for Lead.

Results indicated detectible levels of Lead dust in two of the settled dust samples. All samples collected ranged <2.0 micrograms per square foot ($\mu\text{g}/\text{sf}$) to 8.8 $\mu\text{g}/\text{sf}$ for lead.

The samples collected were only indicative of the time of the sample and were not collected as 8-hour Time Weighted Average (TWA) for comparison to the OSHA permissible exposure limits (PELs). Analytical results from the independent laboratory are attached.

Please note that the results of this investigation are only applicable to the time of sampling and the current activities being completed at the time of sampling. Conditions at the site may have changed resulting in higher or lower concentrations that were not measured during this investigation. This report has been prepared for the sole use of the GSA. Use by other parties is expressly forbidden without the expressed written consent of the GSA and OCCU-TEC.

OCCU-TEC appreciates the opportunity to provide the GSA with the above references sampling services. If you have any questions, please contact us at (816) 231-5580.

Sincerely,

(b) (6)

Justin Arnold, CIEC
Project Manager



(b) (6)

Kevin Heriford
Operations Manager (QA/QC)



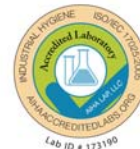
ASBESTOS (PCM) RESULTS





Airborne Fiber Analysis

By Phase Contrast Microscopy
NIOSH 7400, Issue 2, (A Counting Rules)



Customer: OCCU-TEC Inc.
2604 NE Industrial Drive, Suite 230
North Kansas City, MO 64117

Attn: Kevin Heriford

Lab Order ID: 71926498

Analysis ID: 1926498_PCM

Date Received: 10/15/2019

Project: GFC 110 OSHA

Date Reported: 10/15/2019

Sample ID	Description	Volume	Fibers	Filter	LOD	Conc.
Lab Sample ID	Lab Notes	Filter Area	Fields	(Fibers / mm ²)	(Fibers / cc)	(Fibers / cc)
110-ASB-003	2nd Floor @ L12-L13	412 L	< 5.5	< 7.0	0.0065	< 0.0065
71926498PCM_1		385 mm ²	100			
110-ASB-005	1st Floor @ 89	402 L	< 5.5	< 7.0	0.0067	< 0.0067
71926498PCM_2		385 mm ²	100			

This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by AIHA or any other agency of the U.S. government. Scientific Analytical Institute participates in the AIHA IHPAT program. IHPAT Laboratory ID: 173190 Unless otherwise noted blank sample correction was not performed on analytical results. Analytical uncertainty available upon request. (Laboratory precision: Sr: 0.45

Sharon Donald (2)

(b) (6)

Analyst

Approved Signatory



Scientific Analytical Institute
 4604 Dundas Dr. Greensboro, NC 27407
 Phone: 336.292.3888 Fax: 336.292.3313
 www.sailab.com lab@sailab.com

Lab Use Only
 Lab Order ID: 1926498
 Client Code: _____

Company Contact Information	
Company: OCCU-TEC, Inc	Contact: Kevin Heriford
Address: 2604 NE Industrial #230	Phone <input type="checkbox"/> : 816-825-0628
North Kansas City, MO 64117	Fax <input type="checkbox"/> : 816-994-3466
	Email <input type="checkbox"/> : kheriford@occutec.com

Asbestos Test Types	
PLM EPA 600/R-93/116 (PLM)	<input type="checkbox"/>
Positive stop	<input type="checkbox"/>
PLM Point Count 400 (PT4)	<input type="checkbox"/>
PLM Point Count 1000 (PTM)	<input type="checkbox"/>
PCM NIOSH 7400-A Rules (PCM)	<input checked="" type="checkbox"/>
B Rules (PCB) <input type="checkbox"/>	TWA (PTA) <input type="checkbox"/>
TEM AHERA (AHE)	<input type="checkbox"/>
TEM Level II (LII)	<input type="checkbox"/>
TEM NIOSH 7402 (TNI)	<input type="checkbox"/>
TEM Bulk Qualitative (TBL)	<input type="checkbox"/>
TEM Bulk Chatfield (TBS)	<input type="checkbox"/>
TEM Bulk Quantitative (TBQ)	<input type="checkbox"/>
TEM Wipe ASTM D6480-05	<input type="checkbox"/>
TEM Microvac ASTM D5755-02	<input type="checkbox"/>
TEM Water EPA 100.2 (TW1)	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>

Billing/Invoice Information	Turn Around Times	
Company: Same	90 Min. <input type="checkbox"/>	48 Hours <input type="checkbox"/>
Contact: Ap@occutec.com	3 Hours <input type="checkbox"/>	72 Hours <input type="checkbox"/>
Address:	6 Hours <input type="checkbox"/>	96 Hours <input type="checkbox"/>
	12 Hours <input type="checkbox"/>	120 Hours <input type="checkbox"/>
	24 Hours <input type="checkbox"/>	144+ Hours <input type="checkbox"/>

↻ Standard

PO Number: 919103
 Project Name/Number: GFC 110 OSHA

Sample ID #	Volume/Area	Comments
110-ASB-003	2 nd Floor @ L12-L13	412 L
110-ASB-005	1 st Floor @ 89	402 L

Accepted
 Rejected

Total # of Samples _____

Relinquished by	Date/Time	Received by	Date/Time
(b) (6)	10-14-19 1600	(b) (6)	10/15 10 ³⁰ A

LEAD IN AIR RESULTS





Analysis for Airborne Lead Concentration

by Flame Atomic Absorption Spectroscopy
NIOSH 7082



Customer: OCCU-TEC Inc.
2604 NE Industrial Drive, Suite 230
North Kansas City, MO 64117

Attn: Kevin Heriford

Lab Order ID: 71926490
Analysis ID: 71926490_PBA
Date Received: 10/15/2019
Date Reported: 10/15/2019

Project: GFC-Build 110-OSHA

Sample ID	Description	Volume (m ³)	Concentration (µg)	Concentration (µg/m ³)
Lab Sample ID	Lab Notes			
110-Pb-01	M14-M15 2nd Floor	0.438	< 0.80	< 1.8
71926490PBA_1				
110-Pb-02	H11 2nd Floor	0.432	< 0.80	< 1.9
71926490PBA_2				
110-Pb-04	E11 1st Floor	0.442	< 0.80	< 1.8
71926490PBA_3				

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Melissa Ferrell (3)

(b) (6)

LEAD IN SETTLED DUST RESULTS





Analysis for Lead Concentration in Wipe Samples

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B



Customer: OCCU-TEC Inc.
2604 NE Industrial Drive, Suite 230
North Kansas City, MO 64117

Attn: Kevin Heriford

Lab Order ID: 71926492
Analysis ID: 71926492_PBW
Date Received: 10/15/2019
Date Reported: 10/15/2019

Project: GFC-Build 110-OSHA

Sample ID	Description	Area (ft ²)	Concentration (µg)	Concentration (µg/ft ²)
Lab Sample ID	Lab Notes			
110-W-06	E11 Conference Rm Table	1	< 2.0	< 2.0
71926492PBW_1				
110-W-07	K13 1st Fl Light Fixture	0.333	2.9	8.8
71926492PBW_2				
110-W-08	P12 1st Fl Window Ledge	1	< 2.0	< 2.0
71926492PBW_3				
110-W-09	L11 2nd Partition	1	< 2.0	< 2.0
71926492PBW_4				
110-W-10	E16 1st Top of Refrigerator	1	2.2	2.2
71926492PBW_5				

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Melissa Ferrell (5)

(b) (6)

Analyst

Laboratory Director

