



2604 NE Industrial Drive, Suite 230
North Kansas City, Missouri 64117
Telephone: 816.231.5580
Fax: 816.231.5641
www.occutec.com

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. 107
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 107 on October 3, 2019. The air samples were analyzed for asbestos, Arsenic, Cadmium, and Lead. These analyses mirrored the OSHA inspector's samples.

All results were less the laboratory limit of detection.

The samples collected were only indicative of the time of the sample and were not collected as 8-hour 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)

Jeff T. Smith
Senior Project Manager

(b) (6)

Kevin Heriford
Operations Manager (QA/QC)



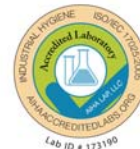
ASBESTOS (PCM) RESULTS





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: Jeff Smith

Lab Order ID: 71926050

Analysis ID: 1926050_PCM

Date Received: 10/8/2019

Project: 919103.001 GFC OSHA Bldg 107

Date Reported: 10/14/2019

Sample ID	Description	Volume	Fibers	Filter	LOD	Conc.
Lab Sample ID	Lab Notes	Filter Area	Fields	(Fibers / mm ²)	(Fibers / cc)	(Fibers / cc)
107-Asb-01	GSA Lobby	699 L	< 5.5	< 7.0	0.0039	< 0.0039
71926050PCM_1		385 mm ²	100			
107-Asb-02	Field Blank	0 L	< 5.5	< 7.0	N/A	N/A
71926050PCM_2		385 mm ²	100			
107-Asb-03	Field Blank	0 L	< 5.5	< 7.0	N/A	N/A
71926050PCM_3		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

Philip Szabo (3)

(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: 71926050
 Client Code: _____

Company Contact Information	
Company: OCCU-TEC Inc.	Contact: Joff Smith
Address: 2604 NE Industrial Drive Suite, 230	Phone []:
North Kansas City, MO 64117	Fax []:
	Email []: jsmith@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:	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 checked="" type="checkbox"/>
	24 Hours <input type="checkbox"/>	144+ Hours <input type="checkbox"/>

PO Number: _____

Project Name/Number: 919103.001 GFC OSHA Bldg 107

Sample ID #	Description/Location	Volume/Area	Comments
107-Asb-01	GSA Lobby	699 l	
107-Asb-02	Field Blank	—	
107-Asb-03	Field Blank	—	

Total # of Samples 3

Relinquished by	Date/Time	Received by	Date/Time
(b) (6)	10-7-19 1500	(b) (6)	10/8 10:30a

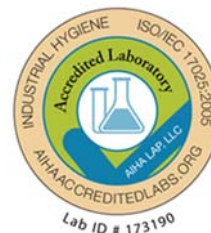
METALS IN AIR RESULTS





Airborne Metals Concentration by Inductively-Coupled Plasma Analysis (ICP)

NIOSH Method 7303



Client:	OCCU-TEC Inc. 2604 NE Industrial Drive, Ste 230 North Kansas City, MO 64117	Attn:	Justin Arnold	Lab Order ID:	71926052
				Date Received:	10/08/2019
Project:	919103 Bldg 107			Date Reported:	10/15/2019
				Page:	1 of 1

Sample ID	Description	Volume (L)	Element	Reporting Limit (µg)	Concentration (µg)	Concentration (µg/m ³)
Lab Sample ID	Lab Notes					
107-PbA-01	Outside Directors Office	706	As	0.25	< 0.25	< 0.35
			Cd	0.050	< 0.050	< 0.071
71926052IPA_1			Pb	0.25	< 0.25	< 0.35
107-PbA-02	Room 100 – Credentialing Office	681	As	0.25	< 0.25	< 0.37
			Cd	0.050	< 0.050	< 0.073
71926052IPA_2			Pb	0.25	< 0.25	< 0.37
107-PbA-03	Field Blank	-	As	0.25	< 0.25	-
			Cd	0.050	< 0.050	-
71926052IPA_3			Pb	0.25	< 0.25	-

Melissa Ferrell

Analyst

(b) (6)

Lab Director

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 Phone: 336.292.3888 Fax: 336.292.3313
 www.sailab.com lab@sailab.com

Lab Use Only
 Lab Order ID: 7PZ26052
 Client Code: _____

Company Contact Information	
Company: <u>Occu-Tec</u>	Contact: <u>Justin Arnold</u>
Address: <u>2604 NE Industrial Drive</u>	Phone <input type="checkbox"/>
<u># 230</u>	Fax <input type="checkbox"/>
<u>North Kansas City, MO 64117</u>	Email <input checked="" type="checkbox"/> : <u>jarnold@occutec.com</u>

Industrial Hygiene Test Types	
Silica as Alpha Quartz*	<input type="checkbox"/>
Silica as Cristobalite*	<input type="checkbox"/>
Silica as Tridymite*	<input type="checkbox"/>
Silica as Alpha Quartz, Cristobalite, Tridymite*	<input type="checkbox"/>
<i>Include Respirable Dust</i>	<input type="checkbox"/>
Silica Bulk*	<input type="checkbox"/>
Bulk Phase ID/Whole Rock SAI Method H-SOP-003	<input type="checkbox"/>
Total Dust NIOSH Method 0500	<input type="checkbox"/>
Respirable Dust NIOSH Method 0600	<input type="checkbox"/>
PCM NIOSH 7400 (Fibers)	<input type="checkbox"/>
TEM NIOSH 7402 (Asbestos)	<input type="checkbox"/>
Hexavalent Chromium (OSHA ID-215) (Note if from spray paint operations)	<input type="checkbox"/>
Metals (NIOSH 7300) (Specify Metals Under Comments)	<input type="checkbox"/>
Other <u>As, Cd, Pb</u>	<input checked="" type="checkbox"/>

Billing/Invoice Information	Turn Around Times^	
SAME <input checked="" type="checkbox"/>	90 Min. <input type="checkbox"/>	48 Hours <input type="checkbox"/>
Company:	3 Hours <input type="checkbox"/>	72 Hours <input type="checkbox"/>
Contact:	6 Hours <input type="checkbox"/>	96 Hours <input type="checkbox"/>
Address:	12 Hours <input type="checkbox"/>	120 Hours <input checked="" type="checkbox"/>
	24 Hours <input type="checkbox"/>	144+ Hours <input type="checkbox"/>
^TATs not available for certain test types		

PO Number: _____
 Project Name/Number: 919103 Bldg 107

*Modified NIOSH 7500/OSHA ID 142

Sample ID #	Description/Location	Volume/Area	Comments (List Metals Here)
<u>107-PbA-01</u>	<u>Outside Directors Office</u>	<u>706 l</u>	<u>As, Cd, Pb</u>
<u>107-PbA-02</u>	<u>Room 100 - Credentialing Office</u>	<u>681 l</u>	↓
<u>107-PbA-03</u>	<u>Field Blank</u>	<u>—</u>	

Accepted
 Rejected

Total # of Samples 3

Relinquished by	Date/Time	Received by	Date/Time
(b) (6)	<u>10-7-19 1500</u>	(b) (6)	<u>10/8 10:30a</u>