



August 29, 2023

Mr. Omar Robinson
Mastery Charter Schools
5700 Wayne Avenue
Philadelphia, PA 19144

RE: Lead (Pb) Safe Inspection
Grover Cleveland Mastery Charter School
3701 N 19th Street
Philadelphia, PA 19140
IEC Project # 2023.200

Dear Mr. Robinson:

Indoor Environmental Concepts, LLC (IEC) was retained by the Mastery Charter Schools to perform testing of settled dust at Grover Cleveland for the presence of lead. The goal of this testing was to comply with the Philadelphia Department of Public Health Certification of School Lead Safe Status. An EPA certified Lead Dust Sampling Technician collected interior dust wipe samples in compliance with EPA regulations in occupied areas including classrooms, offices, cafeterias, gymnasiums, and auditoriums that children routinely occupy.

For the evaluation of lead dust concentrations, the acceptable amount of lead is dependent on the component tested. The EPA and HUD risk assessment and post lead-based paint abatement clearance standards recognize the following components, and their associated acceptable level of lead dust as follows:

HUD and EPA Guidelines for Lead in Settled Dust	
Floors	10 $\mu\text{g}/\text{ft}^2$
Window Sills	100 $\mu\text{g}/\text{ft}^2$

$\mu\text{g}/\text{ft}^2$ = micrograms per square foot

The goal of the Lead Safe Certification Program is to reduce lead-based paint hazards in every Philadelphia school building and ensure that classrooms and other areas are free of paint chips, and lead-containing dust and debris on a daily basis and after every facilities, maintenance or capital project.

Paint stabilization involves removing loose, peeling, flaking and crumbling paint and plaster under controlled conditions. Schools are selected for this work because paint damage was documented in occupied spaces such as classrooms and classroom closets, administrative offices, cafeteria, auditorium, bathrooms, kitchen, hallways, and emergency exit stairways. The goal of the work is to enhance classroom environments and remove the risk of lead exposure to children in the school community.

Lead Safe projects are completed and/or supervised by individuals who are trained and certified in United States Environmental Protection Agency (EPA) lead-based paint renovation, repair, and painting (RRP) work practices.

Background

Lead is a toxic metal that can be harmful to human health when ingested or inhaled. Even small doses of lead can be harmful. Unlike most other contaminants, lead is stored in our bones and can be later released into the bloodstream. The groups most vulnerable to lead include fetuses and young children. Drinking water and ingested dust are the two most likely routes of entry for lead exposure.

Building dust can be contaminated through small particles of lead-based paint or lead-contaminated soil. It is especially prevalent following the abatement of lead hazards in buildings and demolition of nearby structures that contain lead paint. Floor dust lead concentrations are the most significant predictor of children's blood lead levels. Exposure to lead-based paint can take many forms, such as:

- Contaminated dust or soil or lead-based paint on friction surfaces (e.g., windowsill, floor)
- Impact surfaces (e.g., a lead paint-covered wall where a doorknob knocks)
- Chewable lead paint surfaces (e.g., windowsill, stair rails)
- Deteriorated lead-based paint

The Philadelphia Codes Section A-703 (Ordinance Bill No. 180700 and Bill No. 160618) provides lead paint and water testing requirements for educational facilities as the following:

- That all educational facilities areas that are regularly occupied by children within school buildings built prior to 1978 must be assessed as safe from lead paint hazards by a certified lead inspector.
- All educational areas where children occupy shall be safe from lead paint hazards and free from any condition that may cause exposure to lead contaminant paint dust or debris.
- Freire Charter Schools must submit a lead safe or lead-free certification provided by a risk assessor or EPA lead dust wipe sampling technician to the City of Philadelphia LHHP unit for review and approval. The lead safe or free certificates must include the laboratory reports and/or inspection reports of the building.

An area of a building shall be determined to be safe from lead-based paint hazards only if it is free of any lead contaminated debris, such as dust, chips, or other paint particulate, on surfaces; and it is free of any condition that may cause exposure to lead from lead-contaminated paint dust or debris, including, but not limited to flaking, peeling, spalling or efflorescing paint. Flaking or peeling means that paint is visibly flaking from the surface or a person can get a fingernail under a paint layer. Spalling means moisture intrusion causing plaster to delaminate from substrate. Efflorescing means that crystalline deposits or white powdery residue is on plaster surfaces.

Results and Conclusion

IEC conducted a site visit and sample collection at this facility on August 2, 2023. The school was visually inspected by an EPA certified Lead Dust Sampling Technician to confirm all areas were thoroughly clean and free of visible dust and debris following the Philadelphia Code guidelines. The visual inspection was acceptable and lead dust wipe samples were collected using GhostWipe® sampling cloths which comply with EPA/HUD and ASTM E1792-20 requirements for lead in dust sampling. The EPA certified Lead Dust Sampling Technician collected interior dust wipe samples in compliance with EPA regulations in occupied areas. As indicated on the attached certificate of analyses from iATL, an EPA NLLAP and AIHA ELLAP accredited laboratory, the final lead concentrations reported for samples collected at the Mastery Charter School, Grover Cleveland, were below the respective threshold level for the component sampled. Therefore, this facility is acceptable for occupancy. Attached is the Philadelphia Lead Safe Certificate and confirms the occupied areas sampled did not contain lead contaminated dust in excess of EPA dust lead standards. This certificate is valid for 4 years from date of verification.

Please note the condition of the painted components and lead dust levels indicated in this report reflect those at the time of sample collection. Continued maintenance and housekeeping are required to ensure appropriate conditions are maintained for occupancy.

Thank you for allowing Indoor Environmental Concepts, LLC to provide you with our professional industrial hygiene services. Should you have any questions or require additional information, please do not hesitate to contact me at your convenience.

Sincerely,
Indoor Environmental Concepts, LLC



Robert J. DeMalo, M.Sc.
Vice President

cc: Michael P. Menz, CIH, CHMM

Attachments



ANALYTICAL RESULTS



Project Name: Mastery Charter, Cleveland ES **File #:** 2023.200
Laboratory: International Asbestos Testing Laboratory (IATL) **Analysis:** Lead in dust (FAA)
Turnaround Time: 1 Week 72 Hour 48 Hour 24 Hour 6 Hour
Collected By: Bernard McKenna *BODMCK* **Date:** 8-2-2023
Transmitted By: Bernard McKenna *BODMCK* **Date:** 8-2-2023
Received By: _____ **Date:** _____

Sample #	Laboratory #	Location	Area (Square Inches)
0802-01	7652156	Room 301, Floor	144
0802-02	7652157	Room 301, Sill North	144
0802-03	7652158	Room 302, Floor	144
0802-04	7652159	Room 302, Sill North	144
0802-05	7652160	Room 303, Floor	144
0802-06	7652161	Room 303, Sill East	144
0802-07	7652162	Room 304, Floor	144
0802-08	7652163	Room 304, Sill East	144
0802-09	7652164	Room 305, Floor	144
0802-10	7652165	Room 305, Sill East	144
0802-11	7652166	Room 306, Floor	144
0802-12	7652167	Room 306, Sill South	144
0802-13	7652168	Room 307, Floor	144
0802-14	7652169	Room 307, Sill South	144
0802-15	7652170	Room 308, Floor	144
0802-16	7652171	Room 308, Sill West	144
0802-17	7652172	Room 309, Floor	144
0802-18	7652173	Room 309, Sill West	144
0802-19	7652174	Room 310, Floor	144
0802-20	7652175	Room 310, Sill West	144
0802-21	7652176	Room 311, Floor	144
0802-22	7652177	Room 311, Sill West	144
0802-23	7652178	Room 208, Floor	144
0802-24	7652179	Room 208, Sill West	144
0802-25	7652180	Boy's Bathroom Next to Room 208, Floor	144
0802-26	7652181	Girl's Bathroom Next to Room 208, Floor	144
0802-27	7652182	Room 209, Floor	144
0802-28	7652183	Room 209, Sill West	144
0802-29	7652184	3 rd Floor Boy's Bathroom Near Room 301, Floor	144
0802-30	7652185	3 rd Floor Girl's Bathroom Near Room 301, Floor	144
0802-31	7652186	3 rd Floor Women's Bathroom Across from Room 306, Floor	144
0802-32	7652187	3 rd Floor Men's Bathroom Across from Room 306, Floor	144

Email results to:
labresults@indoorenvconcepts.com

IATL - By L

RECEIVED

02/28/23

AUG - 3 2023

WShohy
8/10/23

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078


Report Date: 8/10/2023
Report No.: 687637 - Lead Wipe
Project: Mastery Charter, Cleveland ES
Project No.: 2023.200


Client: IND601

LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.: 7652156 Client No.: 0802-01	Location: Room 301, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652157 Client No.: 0802-02	Location: Room 301, Sill North	Area: 1.0 ft ² Result: 10 µg/ft ²
Lab No.: 7652158 Client No.: 0802-03	Location: Room 302, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652159 Client No.: 0802-04	Location: Room 302, Sill North	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652160 Client No.: 0802-05	Location: Room 303, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652161 Client No.: 0802-06	Location: Room 303, Sill East	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652162 Client No.: 0802-07	Location: Room 304, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652163 Client No.: 0802-08	Location: Room 304, Sill East	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652164 Client No.: 0802-09	Location: Room 305, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652165 Client No.: 0802-10	Location: Room 305, Sill East	Area: 1.0 ft ² Result: 5.0 µg/ft ²

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/3/2023
Date Analyzed: 08/10/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

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LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.: 7652166 Location: Room 306, Floor Area: 1.0 ft²
Client No.: 0802-11 Result: <5.0 µg/ft²

Lab No.: 7652167 Location: Room 306, Sill South Area: 1.0 ft²
Client No.: 0802-12 Result: 30 µg/ft²

Lab No.: 7652168 Location: Room 307, Floor Area: 1.0 ft²
Client No.: 0802-13 Result: <5.0 µg/ft²

Lab No.: 7652169 Location: Room 307, Sill South Area: 1.0 ft²
Client No.: 0802-14 Result: 15 µg/ft²

Lab No.: 7652170 Location: Room 308, Floor Area: 1.0 ft²
Client No.: 0802-15 Result: <5.0 µg/ft²

Lab No.: 7652171 Location: Room 308, Sill West Area: 1.0 ft²
Client No.: 0802-16 Result: 10 µg/ft²


Lab No.: 7652172 Location: Room 309, Floor Area: 1.0 ft²
Client No.: 0802-17 Result: <5.0 µg/ft²


Lab No.: 7652173 Location: Room 309, Sill West Area: 1.0 ft²
Client No.: 0802-18 Result: 25 µg/ft²

Lab No.: 7652174 Location: Room 310, Floor Area: 1.0 ft²
Client No.: 0802-19 Result: <5.0 µg/ft²

Lab No.: 7652175 Location: Room 310, Sill West Area: 1.0 ft²
Client No.: 0802-20 Result: 5.0 µg/ft²

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/3/2023
Date Analyzed: 08/10/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

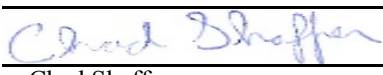
Report Date: 8/10/2023
Report No.: 687637 - Lead Wipe
Project: Mastery Charter, Cleveland ES
Project No.: 2023.200


Client: IND601

LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.: 7652176 Client No.: 0802-21	Location: Room 311, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652177 Client No.: 0802-22	Location: Room 311, Sill West	Area: 1.0 ft ² Result: 10 µg/ft ²
Lab No.: 7652178 Client No.: 0802-23	Location: Room 208, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652179 Client No.: 0802-24	Location: Room 208, Sill West	Area: 1.0 ft ² Result: 5.0 µg/ft ²
Lab No.: 7652180 Client No.: 0802-25	Location: Boy's Bathroom Next To Room 208, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652181 Client No.: 0802-26	Location: Girl's Bathroom Next To Room 208, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652182 Client No.: 0802-27	Location: Room 209, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652183 Client No.: 0802-28	Location: Room 209, Sill West	Area: 1.0 ft ² Result: 10 µg/ft ²
Lab No.: 7652184 Client No.: 0802-29	Location: 3rd Floor Boy's Bathroom Near Room 301, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652185 Client No.: 0802-30	Location: 3rd Floor Girl's Bathroom Near Room 301, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/3/2023
Date Analyzed: 08/10/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078


Report Date: 8/10/2023
Report No.: 687637 - Lead Wipe
Project: Mastery Charter, Cleveland ES
Project No.: 2023.200


Client: IND601

LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.: 7652186 Client No.: 0802-31	Location: 3rd Floor Women's Bathroom Across From Room 306, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652187 Client No.: 0802-32	Location: 3rd Floor Men's Bathroom Across From Room 306, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652188 Client No.: 0802-33	Location: Cafeteria, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652189 Client No.: 0802-34	Location: Cafeteria, Sill West	Area: 1.0 ft ² Result: 5.0 µg/ft ²
Lab No.: 7652190 Client No.: 0802-35	Location: Auditorium, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652191 Client No.: 0802-36	Location: Auditorium, Sill West	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652192 Client No.: 0802-37	Location: Auditorium Stage, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652193 Client No.: 0802-38	Location: Gymnasium, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²
Lab No.: 7652194 Client No.: 0802-39	Location: Gymnasium, Sill	Area: 1.0 ft ² Result: 5.0 µg/ft ²
Lab No.: 7652195 Client No.: 0802-40	Location: Gymnasium, Boy's Bathroom, Floor	Area: 1.0 ft ² Result: <5.0 µg/ft ²

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/3/2023
Date Analyzed: 08/10/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Report Date: 8/10/2023
Report No.: 687637 - Lead Wipe
Project: Mastery Charter, Cleveland ES
Project No.: 2023.200

Client: IND601

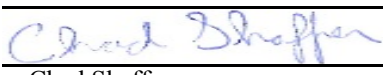
LEAD WIPE SAMPLE ANALYSIS SUMMARY


Lab No.: 7652196
Client No.: 0802-41

Location: Gymnasium, Girl's Bathroom, Floor

Area: 1.0 ft²
Result: <5.0 µg/ft²

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/3/2023
Date Analyzed: 08/10/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Report Date: 8/10/2023
Report No.: 687637 - Lead Wipe
Project: Mastery Charter, Cleveland ES
Project No.: 2023.200

Client: IND601

Appendix to Analytical Report:

Customer Contact: Lab Results
Method: AAS - SW 846: 3050B: 7000B

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Dust Wipes
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by AAS: SW 846: 3050B: 7000B, 2010

Certification:

- NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)
- AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Threshold Limits

- USEPA Dust Level Hazard Standards 3/08/2021
- Floor: 10 micrograms/ft²
- Window Sills: 100micrograms/ft²
- Window Well/Trough: 400micrograms/ft²

This report meets the standards set forth in the EPA's National Lead Laboratory Accreditation Program (NLLAP) through the Laboratory Quality System Requirements (LQSR) Revision 3.0 November 5, 2007. All Environmental Lead Proficiency Analytical Testing (ELPAT) is through the AIHA-PAT established program.

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Report Date: 8/10/2023
Report No.: 687637 - Lead Wipe
Project: Mastery Charter, Cleveland ES
Project No.: 2023.200

Client: IND601

Regulatory limit varies by surface location (EPA/HUD guidelines). Unless otherwise stated, results assume one square foot sampled.

Method requires submittal of blanks.

Sample results are not corrected for contamination by field or analytical blanks.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.

LSD= 0.1 mg/L; MDL1= 0.075 mg/L; MDL2= 1.8mg/ft²; RL= 5.0 micrograms/ft²; (based upon 1.0 square foot sampled).

The EPA 403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

NOTE: Incomplete digestion of wipe material may result in low recovery of lead. The EPA403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792. Results for wipes not meeting ASTM E1792 are not recognized within the Accreditation Program.

< less than sign, signifies none-detected below the empirical value based upon sub-sampled mass. This is often below the Reporting Limit (see above).



Project Name: Mastery Charter, Cleveland ES **File #:** 2023.200
Laboratory: International Asbestos Testing Laboratory (IATL) **Analysis:** Lead in dust (FAA)
Turnaround Time: 1 Week 72 Hour 48 Hour 24 Hour 6 Hour
Collected By: Bernard McKenna **Date:** 8-2-2023
Transmitted By: Bernard McKenna **Date:** 8-2-2023
Received By: _____ **Date:** _____

Sample #	Laboratory #	Location	Area (Square Inches)
0802-01		Room 301, Floor	144
0802-02		Room 301, Sill North	144
0802-03		Room 302, Floor	144
0802-04		Room 302, Sill North	144
0802-05		Room 303, Floor	144
0802-06		Room 303, Sill East	144
0802-07		Room 304, Floor	144
0802-08		Room 304, Sill East	144
0802-09		Room 305, Floor	144
0802-10		Room 305, Sill East	144
0802-11		Room 306, Floor	144
0802-12		Room 306, Sill South	144
0802-13		Room 307, Floor	144
0802-14		Room 307, Sill South	144
0802-15		Room 308, Floor	144
0802-16		Room 308, Sill West	144
0802-17		Room 309, Floor	144
0802-18		Room 309, Sill West	144
0802-19		Room 310, Floor	144
0802-20		Room 310, Sill West	144
0802-21		Room 311, Floor	144
0802-22		Room 311, Sill West	144
0802-23		Room 208, Floor	144
0802-24		Room 208, Sill West	144
0802-25		Boy's Bathroom Next to Room 208, Floor	144
0802-26		Girl's Bathroom Next to Room 208, Floor	144
0802-27		Room 209, Floor	144
0802-28		Room 209, Sill West	144
0802-29		3 rd Floor Boy's Bathroom Near Room 301, Floor	144
0802-30		3 rd Floor Girl's Bathroom Near Room 301, Floor	144
0802-31		3 rd Floor Women's Bathroom Across from Room 306, Floor	144
0802-32		3 rd Floor Men's Bathroom Across from Room 306, Floor	144

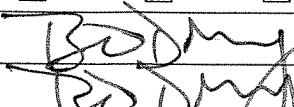
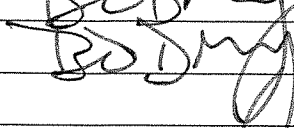
Email results to:
labresults@indoorenvconcepts.com

C/M/K
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 @WOC 8-11-23
 AUG -7 2023

IATL - BY



Indoor Environmental Concepts, LLC

Project Name: Mastery Charter, Cleveland ES **File #:** 2023.200
Laboratory: International Asbestos Testing Laboratory (IATL) **Analysis:** Lead in dust (FAA)
Turnaround Time: 1 Week 72 Hour 48 Hour 24 Hour 6 Hour
Collected By: Bernard McKenna  **Date:** 8-2-2023
Transmitted By: Bernard McKenna  **Date:** 8-2-2023
Received By: _____ **Date:** _____

Sample #	Laboratory #	Location	Area (Square Inches)
0802-33		Cafeteria, Floor	144
0802-34		Cafeteria, Sill West	144
0802-35		Auditorium, Floor	144
0802-36		Auditorium, Sill West	144
0802-37		Auditorium Stage, Floor	144
0802-38		Gymnasium, Floor	144
0802-39		Gymnasium, Sill	144
0802-40		Gymnasium, Boy's Bathroom, Floor	144
0802-41		Gymnasium, Girl's Bathroom, Floor	144
0802-42	7653366	Control Sample	---

Email results to:
Labresults@indoorenvconcepts.com

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Report Date: 8/14/2023
Report No.: 687743 - Lead Wipe
Project: Mastery Charter, Cleveland ES Blank
Project No.: 2023.200

Client: IND601

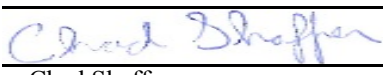
LEAD WIPE SAMPLE ANALYSIS SUMMARY


Lab No.: 7653366
Client No.: 0802-42

Location: Control Sample

Area: Blank
Result: <5.0 µg

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/7/2023
Date Analyzed: 08/14/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
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Report Date: 8/14/2023
Report No.: 687743 - Lead Wipe
Project: Mastery Charter, Cleveland ES Blank
Project No.: 2023.200

Client: IND601

Appendix to Analytical Report:

Customer Contact: Lab Results
Method: AAS - SW 846: 3050B: 7000B

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Dust Wipes
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by AAS: SW 846: 3050B: 7000B, 2010

Certification:

- NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)
- AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Threshold Limits

- USEPA Dust Level Hazard Standards 3/08/2021
- Floor: 10 micrograms/ft²
- Window Sills: 100micrograms/ft²
- Window Well/Trough: 400micrograms/ft²

This report meets the standards set forth in the EPA's National Lead Laboratory Accreditation Program (NLLAP) through the Laboratory Quality System Requirements (LQSR) Revision 3.0 November 5, 2007. All Environmental Lead Proficiency Analytical Testing (ELPAT) is through the AIHA-PAT established program.

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Report Date: 8/14/2023
Report No.: 687743 - Lead Wipe
Project: Mastery Charter, Cleveland ES Blank
Project No.: 2023.200

Client: IND601

Regulatory limit varies by surface location (EPA/HUD guidelines). Unless otherwise stated, results assume one square foot sampled.

Method requires submittal of blanks.

Sample results are not corrected for contamination by field or analytical blanks.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.

LSD= 0.1 mg/L; MDL1= 0.075 mg/L; MDL2= 1.8mg/ft²; RL= 5.0 micrograms/ft²; (based upon 1.0 square foot sampled).

The EPA 403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

NOTE: Incomplete digestion of wipe material may result in low recovery of lead. The EPA403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792. Results for wipes not meeting ASTM E1792 are not recognized within the Accreditation Program.

< less than sign, signifies none-detected below the empirical value based upon sub-sampled mass. This is often below the Reporting Limit (see above).



CERTIFICATION OF SCHOOL LEAD SAFE STATUS



Philadelphia Department of Public Health Certification of School Lead Safe Status

By signing this certificate, I confirm that I have done a visual inspection of the areas where children have access, including contact surfaces where children store their equipment or materials, and confirm these areas do not have deteriorated lead-based paint. A certified risk assessor or lead dust sampling technician completed verification wipe tests in accordance with the EPA's RRP guidelines and confirms they meet the EPA's cleanliness standard. A certified risk assessor or lead dust sampling technician collected interior dust wipe samples in compliance with EPA regulations in work areas and confirms they did not contain lead contaminated dust in excess of EPA dust lead standards in Pre-K, Kindergarten, and 1st Grade classrooms as well as the restrooms, offices, cafeterias, gymnasiums, and auditoriums these children routinely occupy. This certificate is valid for 4 years from date of verification.

Grover Cleveland Mastery Charter School

3701 N 19 Street, Philadelphia, PA 19140

School Name

Street Address

Indoor Environmental Concepts, LLC

Certifying Company (print)

Bernard McKenna, Jr. D-I-18846-18-00055

Risk Assessor, Lead Inspector PA Lic. #, EPA Firm Cert or Lead Dust Sampling Technician Cert #

August 2, 2023

Inspector/Risk Assessor or Dust Wipe Sampling Technician Name (Signature)

Date of Verification

Omar Robinson, 215-866-9000, ext. 15037, omar.robinson@masterycharter.org

School Official Name, Telephone and E-mail Address



ANALYST AND LABORATORY QUALIFICATIONS

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

BERNARD MCKENNA, JR.

268 KNOLL DRIVE, BLACKWOOD, NJ 08012

FOR SUCCESSFULLY COMPLETING THE PRESCRIBED COURSE OF STUDY IN

DUST SAMPLING TECHNICIAN INITIAL – ENGLISH

PRESENTED BY

ACCESS TRAINING SERVICES, INC.

7921 RIVER ROAD, PENNSAUKEN, NEW JERSEY 08110

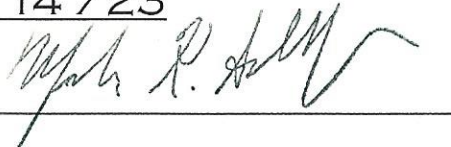
(856) 665-3449

CERTIFICATE NUMBER: D-I-18846-18-00055

COURSE DATE 11/14/18

EXPIRATION DATE 11/14/23

Mark Schlager
Training Manager





AIHA Laboratory Accreditation Programs, LLC
acknowledges that
International Asbestos Testing Laboratories (IATL)
9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Laboratory ID: LAP-100188

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

<input checked="" type="checkbox"/>	INDUSTRIAL HYGIENE	Accreditation Expires: November 01, 2023
<input checked="" type="checkbox"/>	ENVIRONMENTAL LEAD	Accreditation Expires: November 01, 2023
<input checked="" type="checkbox"/>	ENVIRONMENTAL MICROBIOLOGY	Accreditation Expires: November 01, 2023
<input type="checkbox"/>	FOOD	Accreditation Expires:
<input type="checkbox"/>	UNIQUE SCOPES	Accreditation Expires:
<input type="checkbox"/>	BERYLLIUM FIELD/MOBILE	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

International Asbestos Testing Laboratories (IATL)

Laboratory ID: LAP-100188

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054

Issue Date: 12/01/2021

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 01/20/1997

Component, parameter or characteristic tested	Technology sub-type/Detector	Method	Method Description <i>(for internal methods only)</i>
Airborne Dust	AA	NIOSH 7082	N/A
Paint	AA	EPA SW-846 3050	N/A
		EPA SW-846 7000B	N/A
Settled Dust by Wipe	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A
Soil	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A

A complete listing of currently accredited ELLAP laboratories is available on the AIHA LAP, LLC website at: <http://www.aihaaccreditedlabs.org>