



May 31, 2018

Laboratory ID: 101490

Michael Moore
USAFSAM Occupational and Environmental Laboratory - Industrial Hygiene
2510 Fifth Street Bldg 840, Room W327
Wright Patterson AFB, OH 45433

Dear Mr. Moore:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved USAFSAM Occupational and Environmental Laboratory - Industrial Hygiene as an accredited Industrial Hygiene and Environmental Lead laboratory.

Attached, please find the IHLAP and ELLAP accreditation certificate, scope of accreditation document, and a copy of the current AIHA-LAP, LLC license agreement (if your completed agreement is not on file at AIHA-LAP, LLC). The accreditation symbol has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the symbol in its advertising the laboratory's accreditation, you must complete and return the AIHA-LAP, LLC license agreement to a Laboratory Accreditation Specialist. Once submitted, an electronic copy of the accreditation symbol will be sent to you.

At the close of your site assessment, your site assessor recommended a surveillance visit between six and twelve months after accreditation to address the items outstanding from site assessment. This recommendation was approved by the AAB. As your laboratory was assessed and accredited to ISO/IEC17025:2005, AIHA Laboratory Accreditation Programs, LLC is obligated to follow the ISO/IEC17011 standard as an accrediting body. Please see ISO17011 Section 7.11 and AIHA LAP Policy 3.5.10 on surveillance visits.

Laboratory accreditation shall be maintained by continued compliance with IHLAP and ELLAP requirements (see Policy Modules 2B, 2C, and 6), which includes proficient participation in all demonstrations of proficiency for all Fields of Testing (FoTs) for which the laboratory is accredited. An accredited laboratory that wishes to expand into a new FoT must submit an updated accreditation application to AIHA-LAP, LLC for review by the AAB. Any changes in ownership, laboratory location, personnel, FoTs/Methods, or significant procedural changes shall be reported to AIHA-LAP, LLC in writing within twenty (20) business days of the change. The accreditation certificate is the property of AIHA-LAP, LLC and must be returned to us, should your laboratory withdraw or be removed from the IHLAP and ELLAP.

Again, congratulations. If you have any questions, please contact Lauren Schnack, Laboratory Accreditation Specialist, at (703) 846-0716.

Sincerely,

Cheryl O. Morton
Managing Director



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

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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 17025:2005 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: May 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: May 01, 2020 |
| <input type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input type="checkbox"/> UNIQUE SCOPES | 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 17025:2005 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.

Elizabeth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

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



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

USAFSAM Occupational and Environmental Laboratory - Industrial Hygiene

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Laboratory ID: **101490**

Issue Date: 05/31/2018

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.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 08/01/1976

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	IH-ANLS-1205	SOP CH 48-1205
			IH-ANLS-1206	SOP CH 48-1206
			NIOSH 1000 Modified	
			NIOSH 1003 Modified	
			NIOSH 1004 Modified	
			NIOSH 1005 Modified	
			NIOSH 1006 Modified	
			NIOSH 1007 Modified	
			NIOSH 1010 Modified	
			NIOSH 1011 Modified	
			NIOSH 1014 Modified	
			NIOSH 1019 Modified	
			NIOSH 1020 Modified	
			NIOSH 1022 Modified	
			NIOSH 1025 Modified	
			NIOSH 1300 Modified	
			NIOSH 1301 Modified	
			NIOSH 1400 Modified	
			NIOSH 1401 Modified	
			NIOSH 1402 Modified	
NIOSH 1403 Modified				
NIOSH 1404 Modified				
NIOSH 1450 Modified				
NIOSH 1451 Modified				

Effective: 04/10/2015

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IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1452 Modified	
			NIOSH 1453 Modified	
			NIOSH 1454 Modified	
			NIOSH 1457 Modified	
			NIOSH 1458 Modified	
			NIOSH 1459 Modified	
			NIOSH 1500 Modified	
			NIOSH 1501 Modified	
			NIOSH 1550 Modified	
			NIOSH 1552 Modified	
			NIOSH 1602 Modified	
			NIOSH 1603 Modified	
			NIOSH 1604 Modified	
			NIOSH 1606 Modified	
			NIOSH 1608 Modified	
			NIOSH 1609 Modified	
			NIOSH 1610 Modified	
			NIOSH 1611 Modified	
			NIOSH 1613 Modified	
			NIOSH 1616 Modified	
			NIOSH 1617 Modified	
			NIOSH 1619 Modified	
			NIOSH 1620 Modified	
			NIOSH 2000 Modified	
			NIOSH 2003 Modified	
			NIOSH 2004 Modified	
			NIOSH 2005 Modified	
			NIOSH 2500 Modified	
			NIOSH 2505 Modified	
			NIOSH 2508 Modified	
NIOSH 2513 Modified				
NIOSH 2516 Modified				
NIOSH 2519 Modified				
NIOSH 2521 Modified				
NIOSH 2526 Modified				
NIOSH 2528 Modified				
NIOSH 2529 Modified				
NIOSH 2530 Modified				
NIOSH 2536 Modified				
NIOSH 2537 Modified				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2538 Modified	
			NIOSH 2541 Modified	
			NIOSH 2545 Modified	
			NIOSH 2546 Modified	
			NIOSH 5020 Modified	
			NIOSH 5021 Modified	
			NIOSH 5515 Modified	
			NIOSH 5518 Modified	
			NIOSH 5523 Modified	
			OSHA 101 Modified	
			OSHA 103 Modified	SOP CH 48-1205
			OSHA 106 Modified	
			OSHA 35 Modified	
			Gas Chromatography (Diffusive Samplers)	
	IH-ANLS-1205	SOP CH 48-1205		
	IH-ANLS-1206	SOP CH 48-1206		
	NIOSH 1000 Modified			
	NIOSH 1003 Modified			
	NIOSH 1004 Modified			
	NIOSH 1005 Modified			
	NIOSH 1007 Modified			
	NIOSH 1010 Modified			
	NIOSH 1011 Modified			
	NIOSH 1014 Modified			
	NIOSH 1019 Modified			
	NIOSH 1020 Modified			
	NIOSH 1022 Modified			
	NIOSH 1025 Modified			
	NIOSH 1300 Modified			
	NIOSH 1301 Modified			
NIOSH 1400 Modified				
NIOSH 1401 Modified				
NIOSH 1402 Modified				
NIOSH 1403 Modified				
NIOSH 1450 Modified				
NIOSH 1452 Modified				
NIOSH 1453 Modified				
NIOSH 1454 Modified				
NIOSH 1457 Modified				
NIOSH 1458 Modified				
NIOSH 1459 Modified				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography (Diffusive Samplers)		NIOSH 1500 Modified	
			NIOSH 1501 Modified	
			NIOSH 1550 Modified	
			NIOSH 1602 Modified	
			NIOSH 1603 Modified	
			NIOSH 1604 Modified	
			NIOSH 1608 Modified	
			NIOSH 1609 Modified	
			NIOSH 1610 Modified	
			NIOSH 1611 Modified	
			NIOSH 1616 Modified	
			NIOSH 1617 Modified	
			NIOSH 1620 Modified	
			NIOSH 2005 Modified	
			NIOSH 2500 Modified	
			NIOSH 2505 Modified	
			NIOSH 2508 Modified	
			NIOSH 2513 Modified	
			NIOSH 2516 Modified	
			NIOSH 2529 Modified	
	OSHA 103 Modified	SOP CH 48-1205		
	OSHA 106 Modified			
	OSHA 99 Modified			
OSHA PV2091 Modified				
	Ion Chromatography (IC)		NIOSH 7605 Modified	
	Liquid Chromatography	HPLC/FL	ISOCHECK	SOP CH 48-1184
		HPLC/UV	ISOCHECK	SOP CH 48-1184
			NIOSH 2106 Modified	
			OSHA 1007 Modified	
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	EPA SW846 3050B Modified	
			EPA SW846 3051 Modified	
			EPA SW846 6010C Modified	
			NIOSH 7300 Modified	
			NIOSH 7302 Modified	
			NIOSH 7304 Modified	
Miscellaneous Core	Gravimetric		NIOSH 0500 Modified	
			NIOSH 0600 Modified	
			NIOSH 5000 Modified	



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



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

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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: 06/01/2003

Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description <i>(for internal methods only)</i>
Paint		EPA SW 846 3051 Modified	
		EPA SW846 6010C Modified	
Soil		EPA SW846 3050B Modified	
		EPA SW846 6010C Modified	
Settled Dust by Wipe		EPA SW846 3050B Modified	
		EPA SW846 6010C Modified	
Airborne Dust		NIOSH 7300 Modified	
		NIOSH 7302 Modified	
		NIOSH 7304 Modified	

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