AIHA Laboratory Accreditation Programs, LLC

acknowledges that

A&B Environmental Services, Inc.

10100 East Fwy, Suite 100, Houston, TX 77029

Laboratory ID: LAP-101470

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

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: August 01, 2022
☐	**ENVIRONMENTAL LEAD**	Accreditation Expires:
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: August 01, 2022
☐	**FOOD**	Accreditation Expires:
☐	**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 17025:2017 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.

Michael Breu
Chairperson, Analytical Accreditation Board

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

Revision19.1: 07/28/2021

Date Issued: 05/31/2022

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

A&B Environmental Services, Inc.
10100 East Fwy, Suite 100, Houston, TX 77029

Laboratory ID: LAP-101470
Issue Date: 07/29/2021

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.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/2000

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400	Asbestos/Fibers
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503	PCB's
Chromatography Core	Gas Chromatography	GC/FID	EPA TO-14A	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1010	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1024	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1300	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1301	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1403	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1450	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1453	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1552	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603	Organic Acids

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IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1611	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1613	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1614 Modified	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2002	Amines
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2012	Amines
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2500	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2537	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2539	Aldehydes
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2541	Aldehydes
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2546	Cresol and Phenol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2553	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5020	Phthalates
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5523	Glycols
Chromatography Core	Gas Chromatography	GC/FID	OSHA 32 Modified	Cresol and Phenol
Chromatography Core	Gas Chromatography	GC/FID	SOP 096.08	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/NPD	NIOSH 2501	Aldehydes
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	Analysis of Organic Hydrocarbons in Badges by GC	Hydrocarbons
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6004	Sulfur dioxide
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6011	Chlorine & Bromine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7906	Inorganic Acids
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7907	Inorganic Acids
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7908	Inorganic Acids
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-165SG	Inorganic Acids
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-186SG	Organic Acids
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-215 (Version 2)	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/FL	OSHA 42	Diisocyanates
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA TO-11	Aldehydes
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2016	Aldehydes
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5506	PAHs
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 1007	Formaldehyde

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 42	Diisocyanates
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 58	Benzene
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 64	Aldehydes
Miscellaneous Core	Gravimetric	-	NIOSH 0500	Total Dust
Miscellaneous Core	Gravimetric	-	NIOSH 0600	Respirable Dust
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009	Mercury
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-140	Mercury
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-145	Mercury
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300 Modified	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7303	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 9100	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	OSHA 125G Modified	Metals
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 3500	Formaldehyde
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6015	Ammonia
Spectrometry Core	X-ray Diffraction (XRD)	-	NIOSH 7500	Silica, crystalline
Spectrometry Core	X-ray Diffraction (XRD)	-	OSHA ID-142 (Version 4)	Silica, crystalline

The laboratory is currently suspended for those specific field(s) of testing/methods listed in the table below.
GC/MS FoT Suspended 01/29/2021

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	GC/MS	-	EPA TO-14A	Volatile Organic Compounds
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds

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