



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Adirondack Environmental Services, Inc.

314 N Pearl St Albany, NY 12207-1322

Laboratory ID: LAP-100307

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: July 01, 2023 |
| <input type="checkbox"/> | ENVIRONMENTAL LEAD | Accreditation Expires: |
| <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 17025:2017 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

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



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

Adirondack Environmental Services, Inc.

Laboratory ID: LAP-100307

314 N Pearl St Albany, NY 12207-1322

Issue Date: 03/24/2022

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: 04/01/1993

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
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	EPA 600/M4-82-020	Asbestos
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	NYS DOH ELAP 198.1	Asbestos
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	NYS DOH ELAP 198.6	Asbestos
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	40 CFR 763, Sub. E, Appendix A	Asbestos
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	NIOSH 7402	Asbestos/Fibers
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 1614	Ethylene Oxide
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2015	Chloroacetaldehyde
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2517	Pentachloroethane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2518	Hexachloro-1,3-cyclopentadiene
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2543	Hexachlorobutadiene
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5014	Chlorinated terphenyl
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503	PCBs
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5510	Chlordane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5517	Polychlorobenzenes
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5519	Endrin

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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 1003	Tetrachloroethene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1006	Fluorotrichloromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1007	Vinyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1010	Epichlorohydrin
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1014	Methyl iodide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1015	Vinylidene chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1016	1,1,1,2-Tetrachloro-2,2-Difluoroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1018	Dichlorodifluoromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1019	1,1,2,2-Tetrachloroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1020	1,1,2-Trichloro-1,2,2-trifluoroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1022	Trichloroethene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1025	1-Bromopropane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1026	p-Chlorobenzotrifluoride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1300	Acetone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1301	Ethyl butyl Ketone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1302	Methyl-2-Pyrrolidinone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400	Isopropanol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1401	n-Butyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1402	Cyclohexanol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1403	2-methoxyethanol(methyl cellosolve, EGME)
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1450	n-Butyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1451	Methyl cellosolve acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1452	Ethyl formate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1453	Vinyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1454	Isopropyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1457	Ethyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1458	Methyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1459	Methyl Acrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500	Benzene, Toluene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501	m,p-Xylene



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 1550	Stoddard Solvents
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1551	Turpentine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1552	Limonene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1602	Dioxane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1604	Acrylonitrile
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1606	Acetonitrile
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1608	Glycidol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1609	Tetrahydrofuran
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1610	Diethyl Ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1612	Propylene oxide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1613	Pyridine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1615	Methyl tert-butyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1616	n-Butyl glycidyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1617	Phenyl Ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1618	Isopropyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1619	Phenyl Glycidyl Ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1620	Isopropyl Glycidyl Ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000	Methanol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2002	o-Toluidine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2004	Dimethylacetamide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2005	Nitrobenzene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2007	Ethanolamine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2010	Diethylamine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2012	n-Butylamine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2017	Aniline
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2500	2-Butanone, Methyl ethyl ketone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2508	Isophorone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2513	Ethylene chlorohydrin
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2515	Diazomethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2516	Dichlorofluoromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2519	Ethyl Chloride

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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 2521	Methylcyclohexanone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2523	1,3-Cyclopentadiene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2528	2-Nitropropane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2530	Diphenyl
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2536	Valeraldehyde
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2537	Methyl methacrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2538	Acetaldehyde
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2541	Formaldehyde
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2545	Allyl glycidyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 3511	Monomethylaniline
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5020	Bis(2-ethylhexyl)phthalate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5021	o-Terphenyl
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5515	PAHs
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5518	Naphthylamines
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5523	Diethylene Glycol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5701	Resorcinol
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1013	Diacetyl
Chromatography Core	Gas Chromatography	GC/FID	OSHA 2061	1-Bromopropane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 71	4,4-Methylenebis(2-chloroaniline)
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2009	Benzyl Alcohol
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2016	Morpholine
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2060	Triethylamine
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	ASTM D5197 Modified	Formaldehyde
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	ISO 16000-4	Formaldehyde
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1003 Modified	Chlorinated VOC
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1005 Modified	Methylene Chloride
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1022 Modified	Trichloroethene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1300 Modified	Acetone, MIBK
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1400 Modified	Isopropyl Alcohol, t-butyl Alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1450 Modified	Acetates
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1457 Modified	Ethyl Acetate

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Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1500 Modified	Hydrocarbons
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1501 Modified	Aromatics
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 2016 Modified	Formaldehyde
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 2500 Modified	Methyl Ethyl Ketone
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 2553 Modified	2-heptanone
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 2008	Chloroacetic Acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 2011	Formic acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6004	Sulfur dioxide
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6011	Chlorine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7903 Modified	Acids
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7906	Fluorides
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7907	Hydrochloric Acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7908	Sulfuric acid
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-182	Nitrogen dioxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-200	Sulfur dioxide
Chromatography Core	Liquid Chromatography	HPLC/UV	ASTM D5197	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2014	p-Chlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2016	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2532	Glutaraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2535	Toluene-2,4-Diisocyanate
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2540	Ethylenediamine
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 3507	Acetaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 3512	Maleic Anhydride
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5033	p-Nitroaniline
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5043	p-Toluenesulfonic acid
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5509	Benzidine
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5512	Pentachlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5516	2,4-Toluenediamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 20	Hydrazine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 28	Acrylic Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 32	Cresols



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 39	Pentachlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 42	2,4-Toluene-Diisocyanate
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 47	Methylene bisphenyl isocyanate (MDI)
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA ID-108	Hydrazine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2005	Methacrylic acid
Miscellaneous Core	Gravimetric	-	NIOSH 0500	Total Dust
Miscellaneous Core	Gravimetric	-	NIOSH 0600	Respirable Dust
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009 Modified	Mercury
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300 Modified	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7303 Modified	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 6010	Cyanides
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6014 Modified	Nitrogen dioxide
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6015 Modified	Ammonia
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 7600	Hexavalent Chromium
Spectrometry Core	X-ray Diffraction (XRD)	-	NIOSH 7500	Silica

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