



**AIHA**

Laboratory Accreditation Programs, LLC

Quality System Document

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**INDUSTRIAL HYGIENCE LABORATORY ACCREDITATION PROGRAM (IHLAP)**

<u>Scope Category</u>	<u>Fields of Testing (FoT)/Matrix</u> The following FoTs cover all relevant IH matrices	<u>Category 1</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
<b>Chromatography Core</b>	Gas Chromatography	AIHA PAT, LLC IHPAT - Organics ERA Air Emissions (TO-# Methods)	Round Robin, Internal PT	N/A
	GC/MS	AIHA PAT, LLC IHPAT - Organics AIR PT PHENOVA ERA Air Emissions (TO-# Methods)	Round Robin, Internal PT	N/A
	Gas Chromatography (Diffusive Samplers)	AIHA PAT, LLC IHPAT - Diffusive Sampler (3M, SKC, AT)	Round Robin, Internal PT	N/A
	Ion Chromatography (IC)	IFA PHENOVA	Round Robin, Internal PT	N/A
	Liquid Chromatography: HPLC	IFA IRSST AIR PT ERA Air Emissions PHENOVA	Round Robin, Internal PT	N/A
	Liquid Chromatography: LC/MS	N/A	Round Robin, Internal PT	N/A
<b>Spectrometry Core</b>	Atomic Absorption	AIHA PAT, LLC IHPAT - Metals PHENOVA (CVAA)	Round Robin, Internal PT	N/A
	Inductively-Coupled Plasma	AIHA PAT, LLC IHPAT - Metals	Round Robin, Internal PT	N/A
	X-ray Diffraction (XRD)	AIHA PAT, LLC IHPAT - Silica	Round Robin, Internal PT	N/A



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	UV/VIS (Colorimetric)	ERA Air Emissions PHENOVA	Round Robin, Internal PT	N/A
	Infrared	AIHA PAT, LLC IHPAT - Silica	Round Robin, Internal PT	N/A
<b>Asbestos/Fiber Microscopy Core</b>	Polarized Light Microscopy (PLM)	AIHA PAT, LLC IHPAT - BAPAT NVLAP	Round Robin, Internal PT	N/A
	Phase Contrast Microscopy (PCM)	AIHA PAT, LLC IHPAT - Asbestos NYS DOH	Round Robin, Internal PT	N/A
	Transmission Electron Microscopy (TEM)	NVLAP NYS DOH	Round Robin, Internal PT	N/A
<b>Miscellaneous Core</b>	Anodic Stripping Voltammetry (ASV)	N/A	Round Robin, Internal PT	N/A
	Gravimetric	AIR PT PHENOVA Sigma Aldrich RTC (Particulate Matter)	Round Robin, Internal PT	N/A
	Ion-selective electrode (ISE)	N/A	Round Robin, Internal PT	N/A
	Thermo-optical Analysis (TOA)	N/A	Round Robin, Internal PT	N/A
	Titrimetric	N/A	Round Robin, Internal PT	N/A
<b>Compressed/Breathing Air Testing</b>	Gas Chromatography	Compressed/Breathing Air PT (CAPT) Round Robin	Round Robin, Internal PT	N/A
	GC/MS	Compressed/Breathing Air PT (CAPT) Round Robin	Round Robin, Internal PT	N/A



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	Infrared	Compressed/Breathing Air PT (CAPT) Round Robin	Round Robin, Internal PT	N/A
	UV/VIS (Colorimetric)	Compressed/Breathing Air PT (CAPT) Round Robin	Round Robin, Internal PT	N/A
	Gravimetric	AIR PT	Round Robin, Internal PT	N/A
<b>Pharmaceutical Testing</b>	GC/MS	Pharmaceutical Round Robin	Round Robin, Internal PT	N/A
	Liquid Chromatography: HPLC	Pharmaceutical Round Robin	Round Robin, Internal PT	N/A
	Liquid Chromatography: LC/MS	Pharmaceutical Round Robin	Round Robin, Internal PT	N/A
<b>Beryllium Testing</b>	Inductively-Coupled Plasma	AIHA PAT, LLC IHPAT - BePAT	Round Robin, Internal PT	N/A
	Optical Fluorescence	AIHA PAT, LLC IHPAT - BePAT	Round Robin, Internal PT	N/A
	AA - Graphite Furnace	AIHA PAT, LLC IHPAT - BePAT	Round Robin, Internal PT	N/A



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**ENVIRONMENTAL LEAD LABORATORY ACCREDITATION PROGRAM (ELLAP)**

<u>Fields of Testing (FoT)/Matrix</u>	<u>Category 1</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
<b>Paint</b>	AIHA PAT, LLC ELPAT - Paint	N/A	N/A
<b>Soil</b>	AIHA PAT, LLC ELPAT - Soil	N/A	N/A
<b>Settled Dust by Wipe</b>	AIHA PAT, LLC ELPAT - Dust	N/A	N/A
<b>Airborne Dust</b>	AIHA PAT, LLC ELPAT - Air	N/A	N/A
<b>Composited Wipes</b>	N/A	Round Robin, Internal PT	N/A



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**ENVIRONMENTAL MICROBIOLOGY LABORATORY ACCREDITATION PROGRAM**

<u>Scope Category</u>	<u>Fields of Testing (FoT)/Matrix</u>	<u>Category 1</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
<b>Fungal</b>	Air - Culturable	AIHA PAT, LLC EMPAT Fungal Culturable	Round Robin, Internal PT	N/A
	Bulk - Culturable	AIHA PAT, LLC EMPAT Fungal Culturable	Round Robin, Internal PT	N/A
	Surface - Culturable	AIHA PAT, LLC EMPAT Fungal Culturable	Round Robin, Internal PT	N/A
	Air - Direct Examination	AIHA PAT, LLC EMPAT Fungal Direct Examination	Round Robin, Internal PT	N/A
	Bulk - Direct Examination	AIHA PAT, LLC EMPAT Fungal Direct Examination	Round Robin, Internal PT	N/A
	Surface - Direct Examination	AIHA PAT, LLC EMPAT Fungal Direct Examination	Round Robin, Internal PT	N/A
<b>Bacterial</b>	Air - Culturable	AIHA PAT, LLC EMPAT Bacterial	Round Robin, Internal PT	N/A
	Bulk - Culturable	AIHA PAT, LLC EMPAT Bacterial NSI Lab Solutions (Sewage Screen Analysis)	Round Robin, Internal PT	N/A
	Surface - Culturable	AIHA PAT, LLC EMPAT Bacterial	Round Robin, Internal PT	N/A
	<i>Legionella</i>	CDC ELITE/WSLH QWAS Public Health England FEPTU NSI Lab Solutions	Round Robin, Internal PT	N/A
<b>Bacterial</b>	<i>E. coli</i> (Any/all of the following techniques:	NSI Lab Solutions ERA's WatR™Supply PT		



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<u>Scope Category</u>	<u>Fields of Testing (FoT)/Matrix</u>	<u>Category 1</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
	membrane filter, multiple-tube fermentation, enzyme substrate coliform test, and/or fluorogenic assay)			
	<p>NOTE: Laboratories that are accredited to Bacterial Culturable FoTs and participate in EMPAT Bacterial may use EMPAT Bacterial as the PT participation requirement for E. coli FoT, <u>if applicable</u>.</p> <p>Please contact Olena Bulgakova (703-846-0792 or <a href="mailto:obulgakova@aiha.org">obulgakova@aiha.org</a>) - PT will be approved on a case by case basis.</p>			
<b>Molecular</b>	<i>Legionella</i>	CDC ELITE LGC QWAS		
	Bacteria - Identification	EMPAT - Bacterial		
	Fungi - Identification	EMPAT - Fungal		
	Other Fields of Testing (FoT)	Please contact Olena Bulgakova (703-846-0792 or <a href="mailto:obulgakova@aiha.org">obulgakova@aiha.org</a> ) - PT will be approved on a case by case basis		



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**UNIQUE SCOPE LABORATORY ACCREDITATION PROGRAM**

<u>Scope Category</u>	<u>Fields of Testing (FoT)/Matrix</u>	<u>Category 1</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
<b>CPSC</b>	Lead in Paint and Other Similar Surface Coatings	AIHA PAT, LLC ELPAT - Paint	Round Robin, Internal PT	N/A
	Total Lead in Metal Children's Products	N/A	Round Robin, Internal PT	N/A
	Total Lead in Non-Metal Children's Products	N/A	Round Robin, Internal PT	N/A
	Determination of Phthalates	N/A	Round Robin, Internal PT	N/A
<b>Other</b>	To be determined by laboratory - Testing not covered under existing AIHA LAP legacy programs	Please contact Olena Bulgakova (703-846-0792 or <a href="mailto:obulgakova@aiha.org">obulgakova@aiha.org</a> ) - PT will be approved on case by case basis		



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**FOOD LABORATORY ACCREDITATION PROGRAM**

<u>Scope Category</u>	<u>Fields of Testing (FoT)/Matrix</u>	<u>Category 1</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
<b>Chemistry Quantitative</b>	Determined by lab	For each Matrix: Any accredited PT provider including AOAC International, American Proficiency Institute (API) Proficiency Testing Scheme, LGC Standards Proficiency Testing, fapas. For additional information or questions, please contact Olena Bulgakova (703-846-0792 or <a href="mailto:obulgakova@aiha.org">obulgakova@aiha.org</a> ).	Round Robin, Internal PT	N/A
<b>Microbiology Qualitative and Quantitative</b>	Determined by lab		Round Robin, Internal PT	N/A
<b>Residue Chemistry Quantitative</b>	Determined by lab		Round Robin, Internal PT	N/A
<b>Food Rheology and other Physical Tests</b>	Determined by lab		Round Robin, Internal PT	N/A
<b>Food Toxicology</b>	Determined by lab		Round Robin, Internal PT	N/A
<b>Functional Testing</b>	Determined by lab		Round Robin, Internal PT	N/A
<b>Molecular Biology</b>	Determined by lab		Round Robin, Internal PT	N/A
<b>Sensory Testing</b>	Determined by lab		Round Robin, Internal PT	N/A