



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 1 of 12

Title: Scope/PT Table

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 by detector</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	<ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Asbestos NYS DOH 	Round Robin, Internal PT	N/A
	Polarized Light Microscopy (PLM)	<ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – BAPAT NVLAP NYS DOH 	Round Robin, Internal PT	N/A
	Transmission Electron Microscopy (TEM)	<ul style="list-style-type: none"> NVLAP – Refer to 6.2.2.1.h of Policy Module 6 NYS DOH 	Round Robin, Internal PT	N/A
Beryllium Testing	Atomic Absorption	<u>graphite furnace (GFAA):</u> <ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – BePAT 	Round Robin, Internal PT	N/A
	Inductively-Coupled Plasma	<u>AES, MS, OES:</u> <ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – BePAT 	Round Robin, Internal PT	N/A
	Optical Fluorescence	<ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – BePAT 	Round Robin, Internal PT	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 2 of 12

Title: Scope/PT Table

INDUSTRIAL HYGIENCE LABORATORY ACCREDITATION PROGRAM (IHLAP)				
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Chromatography Core	Gas Chromatography (GC)	<u>Diffusive Sampler :</u> <ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Diffusive Sampler 	Round Robin, Internal PT	N/A
		<u>AED, Chemiluminescence, DID, ECD, FID, FPD, MS, NPD, PID, TCD, TEA:</u> <ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Organic Solvents ERA Air Emissions (TO-# Methods) – Volatiles on Sorbent PT 	Round Robin, Internal PT	N/A
		<u>MS only additional PT options:</u> <ul style="list-style-type: none"> LGC AIR PT – IHPAT – Thermal desorption tubes ERA Air Emissions (TO-# Methods) –Volatiles in Gas Cylinder PT PHENOVA 	Round Robin, Internal PT	N/A
	Ion Chromatography (IC)	<ul style="list-style-type: none"> IFA PHENOVA LGC AIR PT 	Round Robin, Internal PT	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 3 of 12

Title: Scope/PT Table

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 by detector</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
Chromatography Core	Liquid Chromatography (LC)	<u>HPLC/FL, HPLC/DAD, HPLC/PDA, HPLC/UV, LC/MS:</u> <ul style="list-style-type: none"> LGC AIR PT – IHPAT – Formaldehyde ERA Air Emissions – Aldehydes and Ketones on Sorbent PT IFA PHENOVA Pharmaceutical Round Robin 	Round Robin, Internal PT	N/A
Compressed/Breathing Air Testing	Gas Chromatography	<u>ECD, FID, MS, TCD, XSD:</u> <ul style="list-style-type: none"> Compressed/Breathing Air PT (CAPT) Round Robin 	Round Robin, Internal PT	N/A
	Gravimetric	<ul style="list-style-type: none"> LGC AIR PT PHENOVA – Particulates 	Round Robin, Internal PT	N/A
	Infrared	<ul style="list-style-type: none"> Compressed/Breathing Air PT (CAPT) Round Robin 	Round Robin, Internal PT	N/A
	UV/VIS (Colorimetric)	<ul style="list-style-type: none"> Compressed/Breathing Air PT (CAPT) Round Robin 	Round Robin, Internal PT	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 4 of 12

Title: Scope/PT Table

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 by detector</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
Miscellaneous Core	Anodic Stripping Voltammetry (ASV)	N/A	Round Robin, Internal PT	N/A
	Gravimetric	<ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Airborne Particulates LGC AIR PT PHENOVA – Particulates 	Round Robin, Internal PT	N/A
	Ion-selective electrode (ISE)	N/A	Round Robin, Internal PT	N/A
	Thermo-optical Analysis (TOA)	<ul style="list-style-type: none"> LGC AIR PT – Refer to 6.2.2.1.h of Policy Module 6 	Round Robin, Internal PT	N/A
	Titrimetric	N/A	Round Robin, Internal PT	N/A
Pharmaceutical Testing	Gas Chromatography	<u>MS:</u> <ul style="list-style-type: none"> Pharmaceutical Round Robin 	Round Robin, Internal PT	N/A
	Liquid Chromatography	<u>HPLC/EC, HPLC/FL, LC/MS, HPLC/UV:</u> <ul style="list-style-type: none"> Pharmaceutical Round Robin 	Round Robin, Internal PT	N/A
Spectrometry Core	Atomic Absorption	<u>flame (FAA), graphite furnace (GFAA):</u> <ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Metals LGC AIR PT – PT-AR-01-A; PT-AR-01-B; PT-AR-01-C 	Round Robin, Internal PT	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 5 of 12

Title: Scope/PT Table

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 by detector</u>	<u>Category 2</u> Can be used as optional PT for alternate methods under one FoT	<u>Category 3</u>
Spectrometry Core	Atomic Absorption	<u>Cold vapor (CVAA), CVAE:</u> <ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Mercury PHENOVA 		
	Inductively-Coupled Plasma	<u>AES, MS, OES:</u> <ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Metals LGC AIR PT – PT-AR-01-A; PT-AR-01-B; PT-AR-01-C 	Round Robin, Internal PT	N/A
	Infrared	<ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Silica 	Round Robin, Internal PT	N/A
	UV/VIS (Colorimetric)	<ul style="list-style-type: none"> ERA Air Emissions – Fluoride in Impinger Solution PT PHENOVA 	Round Robin, Internal PT	N/A
	X-ray Diffraction (XRD)	<ul style="list-style-type: none"> AIHA PAT, LLC IHPAT – Silica 	Round Robin, Internal PT	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 6 of 12

Title: Scope/PT Table

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>
Airborne Dust	AIHA PAT, LLC ELPAT – Air	N/A	N/A
Composited Wipes	N/A	Round Robin, Internal PT	N/A
Paint	AIHA PAT, LLC ELPAT – Paint	N/A	N/A
Settled Dust by Wipe	AIHA PAT, LLC ELPAT – Dust	N/A	N/A
Soil	AIHA PAT, LLC ELPAT – Soil	N/A	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 7 of 12

Title: Scope/PT Table

ENVIRONMENTAL MICROBIOLOGY LABORATORY ACCREDITATION PROGRAM (EMLAP)

<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>
Bacterial	Air - Culturable	AIHA PAT, LLC EMPAT – Bacterial	Round Robin, Internal PT	N/A
	Bulk - Culturable	<ul style="list-style-type: none">AIHA PAT, LLC EMPAT – BacterialNSI Lab Solutions – Sewage Screen Analysis	Round Robin, Internal PT	N/A
	<i>E. coli</i> (Any/all of the following techniques: membrane filter, multiple-tube fermentation, enzyme substrate coliform test, and/or fluorogenic assay)	<ul style="list-style-type: none">NSI Lab SolutionsERA – WatR™Supply PTProficiency Testing Canada (PTC)		
	NOTE: Laboratories that are accredited to Bacterial Culturable FoTs and participate in EMPAT Bacterial may use EMPAT Bacterial as the PT participation requirement for <i>E. coli</i> FoT, <u>if applicable</u> . Please contact Olena Bulgakova (703-846-0792 or obulgakova@aiha.org) – PT will be approved on a case by case basis.			
	<i>Legionella</i>	<ul style="list-style-type: none">CDC ELITE/WSLH – LegionellaELITELGC QWASPublic Health EnglandFEPTUNSI Lab Solutions	Round Robin, Internal PT	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 8 of 12

Title: Scope/PT Table

ENVIRONMENTAL MICROBIOLOGY LABORATORY ACCREDITATION PROGRAM (EMLAP)

<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>
Bacterial	Surface - Culturable	AIHA PAT, LLC EMPAT - Bacterial	Round Robin, Internal PT	N/A
Fungal	Air - 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 - Culturable	AIHA PAT, LLC EMPAT - Fungal Culturable	Round Robin, Internal PT	N/A
	Bulk - Direct Examination	AIHA PAT, LLC EMPAT - Fungal Direct Examination	Round Robin, Internal PT	N/A
	Surface - Culturable	AIHA PAT, LLC EMPAT - Fungal Culturable	Round Robin, Internal PT	N/A
	Surface - Direct Examination	AIHA PAT, LLC EMPAT - Fungal Direct Examination	Round Robin, Internal PT	N/A
Molecular	PCR – Bacterial Culture Identification	AIHA PAT, LLC EMPAT - Bacterial		
	PCR – Fungal Culture Identification	AIHA PAT, LLC EMPAT - Fungal Culturable		
	qPCR – <i>Legionella</i>	<ul style="list-style-type: none"> • CDC ELITE • LGC QWAS 		
	qPCR – <i>Legionella pneumophila</i>	<ul style="list-style-type: none"> • CDC ELITE • LGC QWAS 		



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 9 of 12

Title: Scope/PT Table

ENVIRONMENTAL MICROBIOLOGY LABORATORY ACCREDITATION PROGRAM (EMLAP)

<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>
Molecular	qPCR – Mold Specific qPCR	Internal PT		
	SARS-CoV-2	Internal PT		
	Other Fields of Testing (FoT)	Please contact Olena Bulgakova (703-846-0792 or obulgakova@aiha.org) - PT will be approved on a case by case basis		



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 10 of 12

Title: Scope/PT Table

UNIQUE SCOPES 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>
Cannabis	Chemistry Microbiology Potency Metals	<ul style="list-style-type: none"> • NSI Solutions • Absolute Standards, Inc. 	Internal PT	N/A
CPSC	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
Forensics	Fire Debris	Internal PT		
Other	To be determined by laboratory - Testing not covered under existing AIHA LAP legacy programs	Please contact Olena Bulgakova (703-846-0792 or obulgakova@aiha.org) - PT will be approved on case by case basis		



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 11 of 12

Title: Scope/PT Table

FOOD LABORATORY ACCREDITATION PROGRAM (FoodLAP)				
<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>
Chemistry (Quantitative)	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 obulgakova@aiha.org).	Round Robin, Internal PT	N/A
Food Rheology and other Physical Tests	Determined by lab		Round Robin, Internal PT	N/A
Food Toxicology	Determined by lab		Round Robin, Internal PT	N/A
Functional Testing	Determined by lab		Round Robin, Internal PT	N/A
Microbiology (Qualitative and Quantitative)	Determined by lab		Round Robin, Internal PT	N/A
Molecular Biology	Determined by lab		Round Robin, Internal PT	N/A
Residue Chemistry (Quantitative)	Determined by lab		Round Robin, Internal PT	N/A
Sensory Testing	Determined by lab		Round Robin, Internal PT	N/A



Quality System Document

Code: QSD-SPT

Revision 21

06/05/2025

Page 12 of 12

Title: Scope/PT Table

Be FIELD/MOBILE ACCREDITATION PROGRAM (Be Field/Mobile)				
<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>
Beryllium Testing	Atomic Absorption	graphite furnace (GFAA): • AIHA PAT, LLC IHPAT – BePAT	Round Robin, Internal PT	N/A
	Inductively-Coupled Plasma	AES, MS, OES: • AIHA PAT, LLC IHPAT – BePAT	Round Robin, Internal PT	N/A
	Optical Fluorescence	AIHA PAT, LLC IHPAT – BePAT	Round Robin, Internal PT	N/A