



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

I.R.S.S.T.

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Laboratory ID: LAP-101913

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: 07/01/1987

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)	-	IRSST 243-1	Fiber Count
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	IRSST 244	Fiber Identification on Bulk
Beryllium Testing	Inductively-Coupled Plasma	ICP/MS	IRSST 359	Beryllium on MCE Filters, on Wipes and on IOM
Beryllium Testing	Inductively-Coupled Plasma	ICP/MS	IRSST 396	Beryllium on cassette capsules (Solu- Sert)
Chromatography Core	GC/MS	-	IRSST 369	Acetone, Benzene, Chloroform, Cumene, Cyclohexane, Diethyl ether, Ethyl acetate, Ethyl alcohol, Ethylbenzene, Isobutyl acetate, Isobutyl alcohol, Isopropyl acetate, Isopropyl alcohol, Methyl acetate, Methyl ethyl ketone, Methyl isobutyl ketone, Methyl n- amyl ketone, Methyl propyl ketone, Methylcyclohexane, Methylene chloride, n-Amyl acetate, n-Butyl acetate n- Butyl alcohol, n-Heptane n-Hexane, Nonane, n- Pentane n-Propyl acetate, Octane Perchloroethylene, sec-Butyl acetate Styrene, Tetrahydrofuran Toluene, Trichloroethylene Trimethylbenzene, Xylenes (o,m,p)



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	-	IRSST 385 (Work in Progress)	Aldehydes
Chromatography Core	Gas Chromatography	GC/FID	IRSST 100-1	1,1,1-Trichloroethane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 101-2	Xylenes (o, m, p isomers)
Chromatography Core	Gas Chromatography	GC/FID	IRSST 102-1 Draft	1,1,2-Trichloroethane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 132-3	Methyl Isobutyl Ketone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 133-1	Diacetone alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 134-1 Draft	Cyclohexanol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 135-1	Cyclohexanone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 136-1 Draft	Methyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 137-1 Draft	2-Ethoxyethanol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 138-3 Draft	2-Methoxyethanol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 139-2	Methyl glycol acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 140-2	Perchloroethylene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 141-2	n-Hexane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 142-1	n-Heptane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 143-1	Octane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 144-2	n-Pentane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 146-2 Draft	Methyl Acrylate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 147-2	Acrylonitrile
Chromatography Core	Gas Chromatography	GC/FID	IRSST 148-1 Draft	N,N-Dimethylformamide
Chromatography Core	Gas Chromatography	GC/FID	IRSST 153-1 Draft	Chlorofluoromethane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 154-1 Draft	Rubber solvent
Chromatography Core	Gas Chromatography	GC/FID	IRSST 157-2	Carbon Tetrachloride
Chromatography Core	Gas Chromatography	GC/FID	IRSST 159-1	Cumene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 16-2	Toluene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 160-2	Dioxane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 168-1 Draft	n-Propyl acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 169-1 Draft	Allylic alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 171-1	1,3-Butadiene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 173-1	1,2-Dichloroethane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 174-1 Draft	1,2-Dichloroethylene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 175-1 Draft	Methylcyclohexane

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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	IRSST 176-1 Draft	Methylcyclohexanol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 177-2	alpha-Methylstyrene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 178-1	Methyl propyl ketone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 179-1	Tetrahydrofuran
Chromatography Core	Gas Chromatography	GC/FID	IRSST 191-1 Draft	1,1,2-Trichloro-1,2,2-trifluoroethane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 194-1 Draft	Cyclohexane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 207-2	Ethyl glycol acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 208-2	Vinyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 21-2	Ethyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 22-2	Acetone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 223-2	Epichlorohydrin
Chromatography Core	Gas Chromatography	GC/FID	IRSST 24-3	Benzene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 242-1	Dicyclopentadiene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 249-1	Isobutyl acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 25-3	Methyl Ethyl Ketone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 250-1	Ethyl Benzene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 251-1	Trimethylbenzenes
Chromatography Core	Gas Chromatography	GC/FID	IRSST 252-1	Diisobutyl ketone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 253-1	Benzyl Alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 254-1 Draft	beta-Pinene, alpha-Pinene, Turpentine & 3-carene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 26-2	Chloroform
Chromatography Core	Gas Chromatography	GC/FID	IRSST 265-2 Draft	Methyl isoamyl ketone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 266-2	Halothane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 27-2	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	IRSST 272-1 (based on NIOSH 1450)	sec-Amyl acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 273-1 (based on NIOSH 1450)	Isoamyl acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 274-1 Draft	sec-Butyl acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 275-1 (based on NIOSH 1450)	Tert-Butyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 276-2	sec-Butyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 277-1 (based on OSHA 07)	tert-Butyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 278-1 Draft	Isobutyl alcohol



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	IRSST 279-1 Draft	Isopropyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 28-1	Diethyl Ether
Chromatography Core	Gas Chromatography	GC/FID	IRSST 280-1 Draft	n-Propyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 285 Draft	Isoflurane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 29-1	Naphtha VM&P
Chromatography Core	Gas Chromatography	GC/FID	IRSST 304-1 Draft	Gasoline
Chromatography Core	Gas Chromatography	GC/FID	IRSST 306-1 Draft	Nonane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 31-3	Styrene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 316-1 (based on OSHA 07)	Methyl n-amyl ketone
Chromatography Core	Gas Chromatography	GC/FID	IRSST 319-1 Draft	Ethyl acrylate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 333-1 Draft	1-Bromopropane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 334-1 Draft	1-Methoxy-2-Propanol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 339-1 Draft	Enflurane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 349-1 Draft	Methyl Formate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 353-1 Draft	Limonene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 354-1 Draft	Desflurane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 355-1 Draft	Sevoflurane
Chromatography Core	Gas Chromatography	GC/FID	IRSST 37-1 Draft	p-Dichlorobenzene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 381 (Work in Progress)	Total organic matter
Chromatography Core	Gas Chromatography	GC/FID	IRSST 62-1 Draft	o-Dichlorobenzene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 74-1 Draft	n-Amyl acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 75-3	Trichloroethylene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 77-1	n-Butyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 80-1	Kerosene & Stoddard solvent
Chromatography Core	Gas Chromatography	GC/FID	IRSST 83-1 Draft	Synthetic camphor
Chromatography Core	Gas Chromatography	GC/FID	IRSST 85-2	Methyl methacrylate
Chromatography Core	Gas Chromatography	GC/FID	IRSST 86-2	Vinyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	IRSST 87-2	Furfuryl alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 9-1 Draft	Naphthalene
Chromatography Core	Gas Chromatography	GC/FID	IRSST 90-1	n-Butyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 91-2	Ethyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 92	Methyl Alcohol

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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	IRSST 93-1	Isopropyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 94-2	2-Butoxyethanol
Chromatography Core	Gas Chromatography	GC/FID	IRSST 96-1 Draft	Isophorone
Chromatography Core	Gas Chromatography	GC/NPD	IRSST 199-1 Draft	Pyridine
Chromatography Core	Gas Chromatography	GC/NPD	IRSST 225-2 (Work in Progress)	PAHs
Chromatography Core	Gas Chromatography	GC/NPD	IRSST 295-1	Formaldehyde
Chromatography Core	Gas Chromatography	GC/NPD	IRSST 371 (Work in Progress)	Nitrosamines
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 100-1	1,1,1-Trichloroethane
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 101-2	Xylenes (o, m, p isomers)
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 132-3	Methyl Isobutyl Ketone
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 136-1 Draft	Methyl Acetate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 140-2	Perchloroethylene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 141-2	n-Hexane
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 142-1	n-Heptane
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 143-1	Octane
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 144-2	n-Pentane
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 157-2	Carbon Tetrachloride
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 159-1	Cumene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 16-2	Toluene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 168-1 Draft	n-Propyl acetate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 194-1 Draft	Cyclohexane
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 207-2	Ethyl glycol acetate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 21-2	Ethyl Acetate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 22-2	Acetone
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 24-3	Benzene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 249-1	Isobutyl acetate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 25-3	Methyl Ethyl Ketone
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 250-1	Ethyl Benzene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 251-1	Trimethylbenzenes



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Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 27-2	Methylene Chloride
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 274-1 Draft	sec-Butyl acetate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 278-1 Draft	Isobutyl alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 280-1 Draft	n-Propyl alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 306-1 Draft	Nonane
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 31-3	Styrene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 74-1 Draft	n-Amyl acetate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 75-3	Trichloroethylene
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 90-1	n-Butyl alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 91-2	Ethyl alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IRSST 93-1	Isopropyl alcohol
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 12-4 Draft	Phenol
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 195-2	Acetic Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 211-1	Nitric, Hydrobromic, Phosphoric, Hydrochloric and Sulfuric Acids
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 220-1	Ammonia
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 283-1 (Work in Progress)	Glutaraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 303 (Work in Progress)	2-Aminoethanol
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 308-1 (work in progress)	Dibutyl phthalate
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 309-1 (work in progress)	Di-sec-octyl phthalate
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 310-1 (work in progress)	Diethyl phthalate
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 311-1 (work in progress)	Dimethyl Phthalate
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 357-1 (Work in Progress)	Formaldehyde on UMEX diffusive samplers
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 365	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/UV	IRSST 376 (Work in Progress)	Isocyanates
Chromatography Core	Liquid Chromatography	LC/MS	IRSST 363 (work in progress)	Amines
Chromatography Core	Liquid Chromatography	LC/MS	IRSST 364 (Work in Progress)	Triglycidylisocyanurate
Chromatography Core	Liquid Chromatography	LC/MS	IRSST 366 (Work in Progress)	Isocyanates by High Sensitivity technique
Compressed/ Breathing Air Testing	Gas Chromatography	GC/FID	IRSST 380 (Work in Progress)	Methane, Carbon dioxide, Carbon monoxide, Ethane,



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				Volatile Hydrocarbons other than methane
Compressed/ Breathing Air Testing	Gas Chromatography	GC/TCD	IRSST 380 (Work in Progress)	Nitrogen, Oxygen & Argon
Compressed/ Breathing Air Testing	Gravimetric	-	IRSST 388-1 (work in progress)	CBA dust: Oil and particles
Miscellaneous Core	Gravimetric	-	IRSST 201-1 (work in progress)	Soluble fraction in benzene
Miscellaneous Core	Gravimetric	-	IRSST 356-1 (work in progress)	Oil Mist & Oils and Particles
Miscellaneous Core	Gravimetric	-	IRSST 373	Gravimetric measurements on IOM
Miscellaneous Core	Gravimetric	-	IRSST 384 (Work in Progress)	Respirable combustible dust
Miscellaneous Core	Gravimetric	-	IRSST 48-1	Total Dust, Respirable Dust, Total Dust on Accucap, Respirable Dust on Accucap
Miscellaneous Core	Thermo-optical Analysis (TOA)	-	IRSST 388 (based on NIOSH 5040) (Work in progress)	Total Organic Carbon
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	IRSST 362	Metals on Filters
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	IRSST 372 (Work in Progress)	Metals in Wipes
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	IRSST 374 (work in progress)	Soluble Metals on Filters
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	IRSST 375 (Work in Progress)	Ag on Filters
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	IRSST 394	Metals on cassettes capsules (Solu-Sert)
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	IRSST 395 (work in progress)	Indium, Yttrium & Thallium on Filters
Spectrometry Core	X-ray Diffraction (XRD)	-	IRSST 206-2	Crystalline Silica (Quartz and Cristobalite)

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