



02/28/2011

Laboratory ID: 101919

Lorraine Shaw
Occupational & Environmental Health Laboratory, McMaster University
1280 Main St W ABB 106,
Hamilton, ON L8S 4M1,
CANADA

Dear Ms. Lorraine Shaw:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved Occupational & Environmental Health Laboratory, McMaster University as an accredited Industrial Hygiene laboratory.

Enclosed, please find the IHLAP accreditation certificate, scope of accreditation document and a copy of the current AIHA-LAP, LLC license agreement (if your completed agreement is not on file at AIHA-LAP, LLC). The accreditation logo has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the logo in its advertising the laboratory's accreditation, you must complete and return the AIHA-LAP, LLC license agreement to a Laboratory Accreditation Specialist. Once submitted, an electronic copy of the accreditation logo will be sent to you. Please inform us if your laboratory does not wish to use the logo in advertising.

Laboratory accreditation shall be maintained by continued compliance with IHLAP requirements (*see Policy Modules 2B and 6B*), which includes proficient participation in the IHPAT programs for all Fields of Testing (FoTs) for which the laboratory is accredited. An accredited laboratory that wishes to expand into a new FoT must submit an updated accreditation application to AIHA-LAP, LLC for review by the AAB.

Any changes in ownership, laboratory location, personnel, FoTs/Methods, or significant procedural changes shall be reported to AIHA-LAP, LLC in writing within twenty (20) business days of the change.

The accreditation certificate is the property of AIHA-LAP, LLC and must be returned to us should your laboratory withdraw or be removed from the IHLAP.

Again, congratulations. If you have any questions, please contact Edmund Wong, Laboratory Accreditation Specialist, at (703) 846-0716.

Sincerely,

A handwritten signature in black ink that reads "Cheryl O. Morton". The signature is written in a cursive, flowing style.

Cheryl O. Morton
Director,
AIHA Affiliate Laboratory Programs
Enclosure



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

Occupational & Environmental Health Laboratory,
McMaster University
1280 Main Street West ABB 106, Hamilton, ON L8S 4M1, Canada

Laboratory ID: 101919

Issue Date: 03/01/2011

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

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 04/01/1981

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	M-064	Internal Method
			M-099	Internal Method
			NIOSH 1001	
			NIOSH 1003	
			NIOSH 1005	
			NIOSH 1006	
			NIOSH 1007	
			NIOSH 1010	
			NIOSH 1015	
			NIOSH 1018	
			NIOSH 1020	
			NIOSH 1022	
			NIOSH 1025	
			NIOSH 1300	
			NIOSH 1301	
			NIOSH 1302	
			NIOSH 1400	
			NIOSH 1401	
			NIOSH 1402	
			NIOSH 1405	
NIOSH 1450				
NIOSH 1451				
NIOSH 1453				
NIOSH 1454				
NIOSH 1457				
NIOSH 1458				



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Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1459	
			NIOSH 1460	
			NIOSH 1500	
			NIOSH 1501	
			NIOSH 1550	
			NIOSH 1551	
			NIOSH 1552	
			NIOSH 1602	
			NIOSH 1604	
			NIOSH 1606	
			NIOSH 1609	
			NIOSH 1610	
			NIOSH 1613	
			NIOSH 1616	
			NIOSH 1617	
			NIOSH 1618	
			NIOSH 1619	
			NIOSH 2000	
			NIOSH 2004	
			NIOSH 2013	
			NIOSH 2500	
			NIOSH 2505	
			NIOSH 2508	
			NIOSH 2516	
			NIOSH 2529	
			NIOSH 2537	
			NIOSH 2538	
			NIOSH 2545	
			NIOSH 2546	
			NIOSH 2553	
			NIOSH 2554	
			NIOSH 2555	
			NIOSH 2557	
			NIOSH 5020	
			NIOSH 5021	
			NIOSH 5523	
			OEHL M-043	
			OSHA 100	
			OSHA 1004	
			OSHA 101	
OSHA 103				
OSHA 104				
OSHA 106				
OSHA 113				



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Chromatography Core	Gas Chromatography	GC/FID	OSHA 16		
			OSHA 83		
			OSHA 99		
			OSHA IMIS 0903		
			OSHA IMIS 1776		
			OSHA IMIS 2168		
			OSHA IMIS 2190		
			OSHA IMIS A155		
			OSHA IMIS D117		
			OSHA IMIS E106		
			OSHA IMIS H148		
			OSHA IMIS H157		
			OSHA IMIS H158		
			OSHA IMIS M127		
			OSHA IMIS M328		
			OSHA IMIS P136		
			OSHA IMIS R29		
			OSHA IMIS T139		
			OSHA PV2009		
			OSHA PV2011		
			OSHA PV2013		
			OSHA PV2025		
			OSHA PV2033		
			OSHA PV2047		
			OSHA PV2061		
			OSHA PV2091		
			OSHA PV2095		
			OSHA PV2101		
	OSHA PV2106				
	GC/ECD			NIOSH 1614	
				OSHA 1010 Mod	
	GC/NPD			OSHA 50	
				NIOSH 2544	
				NIOSH 2551	
	GC- Diffusive Sampler			OSHA 52 Mod	
	Ion Chromatography (IC)			M-064	Internal Method
			NIOSH 1500		
			NIOSH 1501		
			NIOSH 1550		
			NIOSH 1614		
			OSHA 50		
			NIOSH 2011		
			NIOSH 6004		
			NIOSH 6011		



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Chromatography Core	Ion Chromatography (IC)		NIOSH 6013	
			NIOSH 7903	
			NIOSH 7906	
			OSHA ID-214	
			OSHA PV2115	
			OSHA PV2119	
	Liquid Chromatography	HPLC/ UV	ISOCHECK	
			NIOSH 2016	
			NIOSH 2018	
			NIOSH 2532	
			NIOSH 2540	
			NIOSH 5004	
			NIOSH 5506	
			OEHL	
			OSHA 1007	
			OSHA 60	
			OSHA PV 2012	
			OSHA PV2018	
			OSHA PV2111	
			HPLC/ FL	ISOCHECK
	NIOSH 5506			
	Atomic Absorption	FAA	NIOSH 6001	
			NIOSH 7020	
			NIOSH 7024	
			NIOSH 7027	
			NIOSH 7048	
			NIOSH 7082	
			NIOSH 7901	
NIOSH 9100				
NIOSH P&CAM 173				
OSHA IMIS 2360				
CVAA	NIOSH 6009			
Inductively-Coupled Plasma	ICP/MS	NIOSH 7300		
UV/Vis (Colorimetric)		NIOSH 3500		
		NIOSH 6014		
		NIOSH 7600		
		NIOSH P&CAM 205		
		OEHL M-098		
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		NIOSH 9002	
			OEHL M-009	



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Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)		NIOSH 7400	Size Distribution by PCM
			OEHL M-051.2	
			WHO Reference Method	
Miscellaneous Core	Gravimetric		CAMNET Respirable Combustible Dust	
			NIOSH 0500	
			NIOSH 0600	
			NIOSH 5000	
			NIOSH 5042	
			NIOSH 5524	

- The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:
- AIHA-PAT Programs, LLC IHPAT Metals
 - AIHA-PAT Programs, LLC IHPAT Organic Solvents
 - AIHA-PAT Programs, LLC IHPAT Silica
 - AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (3M)
 - AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (SKC)
 - AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (AT)
 - AIHA-PAT Programs, LLC IHPAT Asbestos
 - AIHA-PAT Programs, LLC Bulk Asbestos (BAPAT)
 - AIHA-PAT Programs, LLC Beryllium (BePAT)
 - HSE Workplace Analytical Scheme for Proficiency (WASP) (Formaldehyde)
 - HSE Workplace Analytical Scheme for Proficiency (WASP) (Thermal Desorption Tubes)
 - Pharmaceutical Round Robin
 - Compressed/Breathing Air Round Robin
 - National Voluntary Laboratory Accreditation Program (NVLAP - determined at the time of site assessment)
 - New York State Department of Health (NYS DOH – PCM and TEM)
 - ERA Air and Emissions standards for indoor air quality
 - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, formerly BGIA)
 - Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST)