



November 30, 2017

Laboratory ID: 100126

Tom Surveski
Travelers Industrial Hygiene and Forensics Laboratory
90 Lambertson Road
Windsor, CT 06095

Dear Mr. Surveski:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved Travelers Industrial Hygiene and Forensics Laboratory as an accredited Industrial Hygiene and Unique Scope laboratory.

Accreditation documentation includes the IHLAP and Unique Scopes 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 symbol has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the symbol 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 symbol will be sent to you. Please inform us if your laboratory does not wish to use the symbol in advertising.

Laboratory accreditation shall be maintained by continued compliance with IHLAP and Unique Scopes requirements (*see Policy Modules 2B, 2E and 6*), which includes proficient participation in AIHA-LAP, LLC approved proficiency testing, demonstration of competency, or round robin program as indicated on the AIHA-LAP "Approved PT and Round Robin" webpage, its associated Scope/PT table, and as required in Policy Module 6, 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 and Unique Scopes.

Again, congratulations. If you have any questions, please contact Lauren Schnack, Senior Specialist, Quality and Accreditation, at (703) 846-0716.

Sincerely,

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

AIHA Laboratory Accreditation Programs, LLC
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R3 05/05/2015

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AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Travelers Industrial Hygiene and Forensics Laboratory

90 Lamberton Road, Windsor, CT 06095

Laboratory ID: 100126

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 17025:2005 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: December 01, 2019 |
| <input type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: |
| <input type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input checked="" type="checkbox"/> UNIQUE SCOPES | Accreditation Expires: December 01, 2019 |

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 17025:2005 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.

William Walsh, CIH
Chairperson, Analytical Accreditation Board

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

Revision 15: 03/30/2016

Date Issued: 11/30/2017



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

Travelers Industrial Hygiene and Forensics Laboratory
 90 Lambertson Road, Windsor, CT 06095

Laboratory ID: **100126**
 Issue Date: 07/24/2018

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: 10/01/1976

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	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	Dow Corning Method 006-02	TIC-GC-60; TIC-GC-85
			ISP Method and Procedure #MP-859-W	
			NIOSH 1001	
			NIOSH 1002	
			NIOSH 1003	
			NIOSH 1003 Modified	
			NIOSH 1004	
			NIOSH 1005	
			NIOSH 1005 Modified	
			NIOSH 1006	
			NIOSH 1007	
			NIOSH 1010	
			NIOSH 1011	
			NIOSH 1015	
			NIOSH 1018	
			NIOSH 1018 Modified	
			NIOSH 1019 Modified	
			NIOSH 1020	
NIOSH 1020 Modified				
NIOSH 1022				
NIOSH 1024 Modified				
NIOSH 1025				
NIOSH 1300				
NIOSH 1300 Modified				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	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	NIOSH 1301	TIC-GC-01; TIC-GC-45; TIC-GC-58
			NIOSH 1301 Modified	
			NIOSH 1302	
			NIOSH 1400	
			NIOSH 1400 Modified	
			NIOSH 1401	
			NIOSH 1402	
			NIOSH 1402 Modified	
			NIOSH 1403	
			NIOSH 1403 Modified	
			NIOSH 1450	
			NIOSH 1450 Modified	
			NIOSH 1451	
			NIOSH 1451 Modified	
			NIOSH 1452	
			NIOSH 1454	
			NIOSH 1457	
			NIOSH 1457 Modified	
			NIOSH 1458	
			NIOSH 1459	
			NIOSH 1500	
			NIOSH 1500 Modified	
			NIOSH 1501	
			NIOSH 1550	
			NIOSH 1550 Modified	
			NIOSH 1551	
			NIOSH 1552	
			NIOSH 1601 Modified	
			NIOSH 1602	
			NIOSH 1604 Modified	
NIOSH 1606				
NIOSH 1609				
NIOSH 1610	TIC-GC-01; TIC-GC-28			
NIOSH 1610				
NIOSH 1610 Modified				
NIOSH 1612				
NIOSH 1612				
NIOSH 1613				
NIOSH 1615				
NIOSH 1615 Modified				



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Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1616	
			NIOSH 1617	
			NIOSH 1618	
			NIOSH 1619	
			NIOSH 2000	
			NIOSH 2002	
			NIOSH 2002 Modified	
			NIOSH 2004	
			NIOSH 2005	
			NIOSH 2500	
			NIOSH 2505	
			NIOSH 2508 Modified	
			NIOSH 2513	
			NIOSH 2513 Modified	
			NIOSH 2526	
			NIOSH 2537	
			NIOSH 2544 Modified	
			NIOSH 2552	
			NIOSH 5020	
			NIOSH 5523	
			NIOSH S155 Modified	
			OSHA 04	
			OSHA 07	
			OSHA 07 Modified	
			OSHA 07 Modified	
			OSHA 1001	
			OSHA 1002	
			OSHA 1005	
			OSHA 1009	
			OSHA 101	
			OSHA 1013	
			OSHA 103	
			OSHA 103 Modified	
			OSHA 104	
OSHA 11				
OSHA 11 Modified				
OSHA 113				
OSHA 14				
OSHA 14 Modified				
OSHA 35				
OSHA 48				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	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	OSHA 48 Modified	
			OSHA 51	
			OSHA 56	
			OSHA 72 Modified	
			OSHA 75	
			OSHA 79	TIC-GC-01; TIC-GC-06
			OSHA 80	
			OSHA 83	
			OSHA 83 Modified	TIC-GC-01; TIC-GC-06
			OSHA 88	
			OSHA 89	
			OSHA 91	
			OSHA 92	
			OSHA 92 Modified	
			OSHA 94	
			OSHA 99	
			OSHA 99 Modified	
			OSHA In House File (4-phenylcyclohexene)	
			OSHA In House File (o-chlorotoluene)	
			OSHA PV 2011 Modified	
			OSHA PV 2040 Modified	
			OSHA PV2003	
			OSHA PV2011	
			OSHA PV2011 Modified	
			OSHA PV2013	
			OSHA PV2016	
			OSHA PV2019	
			OSHA PV2020	
			OSHA PV2021	
			OSHA PV2022	
OSHA PV2025				
OSHA PV2028				
OSHA PV2036				
OSHA PV2041				
OSHA PV2042 Modified				
OSHA PV2043				
OSHA PV2060				
OSHA PV2077				
OSHA PV2081				
OSHA PV2090 Modified				

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	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	OSHA PV2091	
			OSHA PV2095	
			OSHA PV2098	
			OSHA PV2100	
			OSHA PV2101	
			OSHA PV2106	
			OSHA PV2108	
			OSHA PV2123	
			OSHA PV2124 Modified	
			OSHA PV2130	Benzophenone
			OSHA PV2133	
			TIC-GC-01 (Various Compounds Collected on Charcoal Desorbed in CS ₂)	
			TIC-GC-02 (Various Organic Compounds Collected on Carbon Molecular Sieve Tubes and Desorbed with Carbon Disulfide)	
			TIC-GC-03 (Alcohols I)	
			TIC-GC-04 (Alcohols II)	
			TIC-GC-05 (Alcohols III)	
			TIC-GC-06 (Alcohols IV)	
TIC-GC-07 (Methyl Methacrylate)				
TIC-GC-08 (Dibutyl Phthalate)				
TIC-GC-09 (Pyridine Collected on Charcoal Tubes)				
TIC-GC-12 (Vinyl Chloride Monomer – Charcoal Tubes)				
TIC-GC-13 (Methanol)				
TIC-GC-15 (1,3-Butadiene Collected on Charcoal Tubes)				
TIC-GC-16 (Vinyl Chloride Monomer – Carbosieve SIII Tubes)				
TIC-GC-17 (Glycols on OVS-7 Tubes)				

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	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	TIC-GC-18 (Carbitols on Charcoal Tubes)	
			TIC-GC-19 (Methylene Chloride Collected on Carbosive SIII Tubes)	
			TIC-GC-20 (Trimethylamine, Triethylamine, Cyclohexylamine, and Morpholine)	
			TIC-GC-22 (1,2-Dimethoxyethane)	
			TIC-GC-23 (Acrylonitrile)	
			TIC-GC-24 (Dibasic Esters – Dimethyl adipate, Dimethyl glutarate and Dimethyl succinate)	
			TIC-GC-26 (Acetonitrile on Charcoal Tubes)	
			TIC-GC-27 (Phthalates Collected on OVS-Tenax)	
			TIC-GC-28 (Ethyl Ether & Butyl Ether)	
			TIC-GC-29 (4-Vinylcyclohexene)	
			TIC-GC-30 (Ethyl-3-ethoxypropionate)	
			TIC-GC-31 (Nicotine on XAD-2 or XAD-4 Tubes)	
			TIC-GC-42 (Furfuryl Alcohol)	
			TIC-GC-43 (Acetophenone by GC/FID)	
			TIC-GC-44 (Aniline by GC/FID)	
			TIC-GC-45 (Camphor by GC/FID)	
			TIC-GC-47 (Diacetyl & Acetoin on Tandem Silica Gel Tubes)	
			TIC-GC-48 (Freon 12/ Dichlorodifluoromethane)	
TIC-GC-49 (Diethyl Sulfate)				

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Chromatography Core	Gas Chromatography	GC/FID	TIC-GC-50 (Dimethyl Aniline)	
			TIC-GC-51 (Dipropylene Glycol Monomethyl Ether)	
			TIC-GC-52 (2,6-Di-tert-Butyl-p-Cresol)	
			TIC-GC-53 (Dimethylacetamide & Dimethylformamide)	
			TIC-GC-54 (Ethylene Chlorohydrin)	
			TIC-GC-55 (Furfural)	
			TIC-GC-56 (1,6-Hexanediol Diacrylate)	
			TIC-GC-57 (Hexylene Glycol)	
			TIC-GC-58 (Methyl n-Amyl Ketone)	
			TIC-GC-59 (Methyl Alcohol on Anasorb 747 Tubes)	
			TIC-GC-60 (Methyl Ethyl Ketoxime)	
			TIC-GC-61 (Methyl Methacrylate on 4-tert-butylcatechol treated charcoal)	
			TIC-GC-62 (N-Methyl-2-Pyrrolidinone)	
			TIC-GC-63 (Methyl Chloride)	
			TIC-GC-64 (Propylene Glycol Monomethyl Ether)	
			TIC-GC-65 (Styrene)	
			TIC-GC-66 (Triethylene Glycol Monomethyl Ether)	
			TIC-GC-67 (N-Vinyl-2-Pyrrolidinone)	
			TIC-GC-68 (Vinyl Caprolactam)	
TIC-GC-69 (Vinyl Acetate)				

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	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	TIC-GC-70 (2-Hydroxyethyl Acrylate)	
			TIC-GC-71 (2-Hydroxyethyl methacrylate)	
			TIC-GC-72 (Benzophenone)	
			TIC-GC-73 (Ethyl Lactate)	
			TIC-GC-74 (Dimethyl sulfide / Dimethyl disulfide)	
			TIC-GC-75 (Methyl Formate)	
			TIC-GC-76 (Naphthalene)	
			TIC-GC-77 (Nitrobenzene)	
			TIC-GC-78 (Nitroethane)	
			TIC-GC-79 (Propane)	
			TIC-GC-80 (Dimethyl ethanolamine)	
			TIC-GC-81 (Biphenyl)	
			TIC-GC-82 (Ethyl Bromide)	
			TIC-GC-85 (Methyl Ethyl Ketoxime)	
			TIC-GC-86	Various Organic Compounds Collected on Carbon-Based Media and Desorbed with 95% Carbon Disulfide and 5% N,N-Dimethylformamide (95:5 CS ₂ :DMF)
			Union Carbide 38C-17G-TPG	
			Various Acrylates Rohm & Haas Corporate Hygiene Laboratory Method IH9402	TIC-GC-60; TIC-GC-85
		GC/ECD	3M OVM Sampling & Analysis Guide (Modified 3M Recommended Method)	
			NIOSH 2543	
			NIOSH 5503	

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Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5517	
			OSHA 1010	
			OSHA 1012	
			OSHA 1016 Modified	
			OSHA 49	
			SKC Passive Sampling Guide (Modified SKC Recommended Method)	
			TIC-GC-11 (Ethylene Oxide Collected on HBr Coated Carbon Beads or Wafers)	
			TIC-GC-25 (Polychlorinated Biphenyls)	
			TIC-GC-35 (Hexachloro-1,3-butadiene)	
			TIC-GC-36 (1,2,4-Trichlorobenzene by GC/ECD)	
		TIC-GC-84 (Acetoin, Diacetyl and 2,3-Pentanedione)		
		GC/NPD	TIC-GC-41 (Triglycidyl Isocyanurate by GC/NPD)	
		GC/FPD	NIOSH 1600 Modified	
			NIOSH 2542	
			NIOSH 5034 Modified	
			NIOSH 5038 Modified	
			TIC-GC-37 (Ethyl Mercaptan and Methyl Mercaptan)	
			TIC-GC-38 (Carbon Disulfide by GC/FPD)	
			TIC-GC-39 (Triphenyl Phosphate by GC/FPD)	
			TIC-GC-40 (Tributyl Phosphate by GC/FPD)	
	GC/MS	3M OVM Sampling & Analysis Guide (Modified 3M Recommended Method)		
		OSHA PV2124 Modified		



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Chromatography Core	GC/MS		ASSAY Industrial Hygiene Sampling Guide (Modified Assay Recommended Method)	
			NIOSH 1002 Modified	
			NIOSH 1003 Modified	
			NIOSH 1004 Modified	
			NIOSH 1005 Modified	
			NIOSH 1006 Modified	
			NIOSH 1010 Modified	
			NIOSH 1015 Modified	
			NIOSH 1018 Modified	
			NIOSH 1020 Modified	
			NIOSH 1022 Modified	
			NIOSH 1025 Modified	
			NIOSH 1300 Modified	
			NIOSH 1301 Modified	
			NIOSH 1450 Modified	
			NIOSH 1451 Modified	
			NIOSH 1452 Modified	
			NIOSH 1454 Modified	
			NIOSH 1457 Modified	
			NIOSH 1458 Modified	
			NIOSH 1459 Modified	
			NIOSH 1500 Modified	
			NIOSH 1501 Modified	
			NIOSH 1550 Modified	
			NIOSH 1551 Modified	
			NIOSH 1552 Modified	
			NIOSH 1602 Modified	
			NIOSH 1609 Modified	
			NIOSH 1610 Modified	
			NIOSH 1612 Modified	
NIOSH 1615 Modified				
NIOSH 1616 Modified				
NIOSH 1617 Modified				
NIOSH 1618 Modified				
NIOSH 1619 Modified				
NIOSH 4000 Modified				
NIOSH S155 Modified				
OSHA PV2100 Modified				

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	GC/MS		OSHA PV2098 Modified	
			OSHA 07 Modified	
			OSHA 1001 Modified	TIC-GCMS-02; TIC-GCMS-03
			OSHA 1002 Modified	TIC-GCMS-02; TIC-GCMS-03
			OSHA 1004 Modified	
			OSHA 1005 Modified	TIC-GCMS-02; TIC-GCMS-03
			OSHA 1009 Modified	TIC-GCMS-02; TIC-GCMS-03
			OSHA 103 Modified	
			OSHA 11 Modified	
			OSHA 111 Modified	
			OSHA 113 Modified	
			OSHA 14 Modified	
			OSHA 48 Modified	TIC-GCMS-02; TIC-GCMS-03
			OSHA 79 Modified	
			OSHA 83 Modified	
			OSHA In House File (4-phenylcyclohexene) Modified	
			OSHA In House File (o-chlorotoluene) Modified	
			OSHA PV2011 Modified	
			OSHA PV2028 Modified	
			OSHA PV2036 Modified	
			OSHA PV2042 Modified	
			SKC Passive Sampling Guide (Modified SKC Recommended Method)	
			TIC-GCMS-01	In House: GC/MS Analysis of IAQ Type Samples Collected on Charcoal Tubes or Passive Monitors
TIC-GCMS-02	Various Compounds Collected on Charcoal Sorbent Tubes and Analyzed by GCMS			
TIC-GCMS-03	Various Compounds Collected on Passive Organic Vapor Monitors and Analyzed by GCMS			
OSHA PV2090 Modified				

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	GC/MS		OSHA PV2091 Modified	
			WOHL Method (p-chlorobenzotrifluoride) Modified	
Chromatography Core	Gas Chromatography (Diffusive Samplers)		3M OVM Sampling & Analysis Guide (Modified 3M Recommended Methods)	
			ASSAY Industrial Hygiene Sampling Guide (Modified Assay Recommended Methods)	
			NIOSH 4000 Modified	
			OSHA 1001 Modified	
			OSHA 1002 Modified	
			OSHA 1004 Modified	
			OSHA 1005 Modified	
			OSHA 1009 Modified	
			OSHA 111 Modified	
			OSHA 48 Modified	
	SKC Passive Sampling Guide (Modified SKC Recommended Methods)			
	TIC-GC-14 (Solvents on Passive OVMs)			
	Ion Chromatography (IC)		NIOSH 2011	
			NIOSH 3509	
			NIOSH 6004	
			NIOSH 6005	
			NIOSH 6011	
			NIOSH 6013	
			NIOSH 6016	
			NIOSH 6017	
NIOSH 7904 Modified				
NIOSH 7906 Modified				
OSHA ID-110 Modified				
OSHA ID-111				
OSHA ID-113				
OSHA ID-120 Modified				
OSHA ID-174SG				
OSHA ID-182				
OSHA ID-186SG				
OSHA ID-188				

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Ion Chromatography (IC)		OSHA ID-190	
			OSHA ID-202	
			OSHA ID-211	
			OSHA ID-212	
			OSHA ID-214	
			OSHA ID-215 Version 2 Modified	
			OSHA PV2115	
			OSHA PV2119	
			OSHA PV2141 Modified	
			OSHA W4001 Modified	
			TIC-IC-01 (Inorganic Acids)	
			TIC-IC-02 (Organic Acids)	
			TIC-IC-04 (Hydrogen Sulfide)	
			TIC-IC-05 (Sulfur Dioxide)	
			TIC-IC-06 (Ammonia)	
			TIC-IC-07 (Hexavalent Chromium)	
			TIC-IC-08 (Chlorine, Bromine)	
			TIC-IC-09 (Chlorine Dioxide)	
			TIC-IC-10 (Iodine)	
			TIC-IC-11 (Aminoethanol Compounds)	
	TIC-IC-12 (Cyanides, Aerosol and Gas)			
	TIC-IC-13 (Ozone)			
	TIC-IC-14 (Particulate Fluorides and Hydrogen Fluorides)			
	TIC-IC-16 (Nitric Oxide and Nitrogen Dioxide)			
	TIC-IC-18 (Oxalic Acid)			
	TIC-IC-19 (Sodium Azide and Hydrazoic Acid)			
TIC-IC-20-1017 (Hydrogen Peroxide)				
Liquid Chromatography	HPLC/FL	OSHA 42	Diisocyanates in Air	
		OSHA 47		
		OSHA PV2034		
		OSHA PV2092		



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Chromatography Core	Liquid Chromatography	HPLC/FL	TIC-LC-03 (Isocyanates)	
		HPLC/UV	BP 27, 54501	
			EPA 1P-6A Modified	
			EPA Method TO-11A Modified	
			French INRS Method	
			NIOSH 2016	
			NIOSH 2018	
			NIOSH 236 Modified	
			NIOSH 2540	
			NIOSH 333	
			NIOSH 5004	
			NIOSH 5008	
			NIOSH 5029	
			NIOSH 5033	
			NIOSH 5506	
			NIOSH 5509	
			NIOSH 5601	
			OSHA 1007	
			OSHA 105	
			OSHA 108	
			OSHA 25	
			OSHA 28	
			OSHA 32	
			OSHA 34	
			OSHA 39	
			OSHA 40	
			OSHA 41	
			OSHA 55	
			OSHA 58	
			OSHA 60	Amines in Air
			OSHA 64	
		OSHA 81		
OSHA 87				
OSHA 90				
OSHA 98				
OSHA PV2004				
OSHA PV2005				
OSHA PV2012				
OSHA PV2014 Modified				

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2053 Modified	
			OSHA PV2093	
			TIC-LC-01 (Aldehydes)	
			TIC-LC-02 (Polynuclear Aromatic Hydrocarbons/PAHs)	
			TIC-LC-04 (Acrylic Acid & Methacrylic Acid)	
			TIC-LC-05 (Acrylamide)	
			TIC-LC-06 (Captan)	
			TIC-LC-07 (Amines Collected on XAD-7 tubes coated with 10% NBD Chloride)	
			TIC-LC-09 (Phthalic Anhydride)	
			TIC-LC-12 (Polynuclear Aromatic Hydrocarbons)	
			TIC-LC-13 (Benzoyl Peroxide)	
			TIC-LC-14 (Ethylenediamine, Diethylenetriamine, Triethylenetetramine & Ethanolamine)	
			TIC-LC-15 (4,4-Methylenedianiline)	
			TIC-LC-16 (Maleic Anhydride)	
			TIC-LC-17 (Hydroquinone)	
			TIC-LC-18 (Pyrethrum)	
			TIC-LC-19 (Pentachlorophenol)	
			TIC-LC-20 (Phenylenediamine)	
			TIC-LC-21 (Cyanoacrylates)	
			TIC-LC-22 (Phenol, Cresols & Resorcinol)	
			TIC-LC-23 (3,3'-Dichlorobenzidine)	
			TIC-LC-25 (Trimellitic Anhydride)	
			TIC-LC-26 (Abietic Acid)	

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Liquid Chromatography	HPLC/UV	TIC-LC-28 (Bisphenol A & Bisphenol A Diglycidyl Ether)	
			TIC-LC-30 (Catechol)	
			TIC-LC-31 (Caprolactam)	
			TIC-LC-32 (Folpet)	
			TIC-LC-33 (Hydrazine)	
			TIC-LC-35 (MOCA)	
			TIC-LC-39 (m-Xylylenediamine & p-Xylylenediamine)	
			TIC-LC-40 (p-Nitroaniline)	
TIC-LC-42 (Peracetic Acid)				
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	ASTM D7439	TIC-ICP-MS-01; TIC-ICP-MS-06
			NIOSH 5504 Modified	
			NIOSH 6001 Modified	
			NIOSH 6009 Modified	
			NIOSH 7300 Modified	TIC-ICP-MS-01; TIC-ICP-MS-06
			NIOSH 7301 Modified	TIC-ICP-MS-01; TIC-ICP-MS-06
			NIOSH 7303 Modified	TIC-ICP-MS-01; TIC-ICP-MS-06
			NIOSH 7901 Modified	
			NIOSH 9102 Modified	TIC-ICP-MS-01; TIC-ICP-MS-06
			OSHA ID 1006 Modified	
			OSHA ID 121 Modified	TIC-ICP-MS-01; TIC-ICP-MS-06
			OSHA ID 125G Modified	TIC-ICP-MS-01; TIC-ICP-MS-06
			OSHA ID 130SG Modified	
			OSHA ID 206 Modified	TIC-ICP-MS-01; TIC-ICP-MS-06
			OSHA ID-140 Modified	
			OSHA ID-145 Modified	
			TIC-ICP-MS-01 (Elements by ICP-MS)	
TIC-ICP-MS-02 (Mercury Vapor)				

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Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	TIC-ICP-MS-03 (Mercury Particulate)	
			TIC-ICP-MS-04 (Arsine)	
			TIC-ICP-MS-05 (Organotin Compounds)	
			TIC-ICP-MS-06 (Beryllium Compounds)	
			TIC-ICP-MS-07 (Platinum, Water Soluble Salts, as Pt)	TIC-ICP-MS-01; TIC-ICP-MS-06
		ICP/AES	NIOSH 7300 Modified	
			NIOSH 7301 Modified	
			NIOSH 7303 Modified	
			NIOSH 9102 Modified	
			OSHA 1003 Modified	
			OSHA 206 Modified	
			OSHA ID 125G Modified	
			OSHA ID 213 Modified	
			OSHA ID-121 Modified	
	TIC-ICP-01 (Elements by ICP)			
	TIC-ICP-02 (Tungsten & Cobalt)			
	TIC-ICP-12 (Tetraethyl Lead)			
TIC-ICP-13 (Phosphine)				
X-ray Diffraction (XRD)		NIOSH 7500		
		OSHA ID-142		
		TIC-XRD-01 (Silica by XRay Diffraction)		
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		EPA Interim Method for the Determination of Asbestos in Bulk Materials	
	Phase Contrast Microscopy (PCM)		EPA Method for ID of Bulk Insulation Materials	
Miscellaneous Core	Gravimetric		ASTM PS 42-97	
			NIOSH 0500	TIC-GRV-01; TIC-GRV-02
			NIOSH 0500 Modified	
			NIOSH 0600	
			NIOSH 5042	
			OSHA 58	



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Miscellaneous Core	Gravimetric		OSHA ID-196	
			TIC-GRV-01 (Total or Respirable Particulates)	
			TIC-GRV-02 (Oil Mist)	
			TIC-GRV-03 (Metal Working Fluids)	
			TIC-GRV-04 (Cotton Dust in the Presence of Machining Oils)	
			TIC-GRV-05 (Carbon Black)	
			TIC-LC-02 (Polynuclear Aromatic Hydrocarbons/PAHs)	

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



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

Travelers Industrial Hygiene and Forensics Laboratory

90 Lambertson Road, Windsor, CT 06095

Laboratory ID: **100126**

Issue Date: 12/01/2017

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.

Unique Scopes Laboratory Accreditation Program (Unique Scopes)

Initial Accreditation Date: 10/29/2015

Unique Scope Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Forensics	Fire Debris	ASTM E1412	
		ASTM E1618	
		Test Method for Ignitable Liquids Analysis	
	Human Saliva Testing using Independent Forensics Rapid Stain Identification Test	Independent Forensics Rapid Stain Identification Test (RSID-Saliva)	
	Determining the Presence of Human Blood Traces	Bluestar Hexagon Obti immunochromatographic Test for the Determination of Human Blood Traces	
Identification of Fatty Acid Methyl Esters	ASTM E2881-13		

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