



AIHA

Laboratory Accreditation
Programs, LLC

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMS Laboratories, Inc

117 West Bellevue Drive, Pasadena, CA 91105-2503

Laboratory ID: 101634

has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC thereby conforming to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories*. The above named laboratory, along with all premises from which key activities are performed, as listed above, have been accredited by AIHA-LAP, LLC in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | | |
|-------------------------------------|-----------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> | INDUSTRIAL HYGIENE | Accreditation Expires: July 01, 2012 |
| <input checked="" type="checkbox"/> | ENVIRONMENTAL LEAD | Accreditation Expires: July 01, 2012 |
| <input type="checkbox"/> | ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: |
| <input type="checkbox"/> | FOOD | Accreditation Expires: |

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 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 of accreditation.



Dave Sandusky, CIH
Chairperson, Analytical Accreditation Board

Date Issued: 07/01/2010



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMS Laboratories, Inc.

117 W. Bellevue Dr., Pasadena, CA 91105-2503

Laboratory ID: **101634**

Issue Date: 08/03/2011

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: 03/01/1986

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		NIOSH 1003	
			NIOSH 1005	
			NIOSH 1007	
			NIOSH 1010	
			NIOSH 1019	
			NIOSH 1022	
			NIOSH 1300	
			NIOSH 1301	
			NIOSH 1302	
			NIOSH 1400	
			NIOSH 1401	
			NIOSH 1402	
			NIOSH 1403	
			NIOSH 1450	
			NIOSH 1453	
			NIOSH 1454	
			NIOSH 1457	
			NIOSH 1458	
			NIOSH 1459	
			NIOSH 1460	
	NIOSH 1500			
	NIOSH 1501			
	NIOSH 1550			
	NIOSH 1551			
	NIOSH 1552			
	NIOSH 1604			



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		NIOSH 1606	
			NIOSH 1609	
			NIOSH 1613	
			NIOSH 1615	
			NIOSH 1616	
			NIOSH 2000	
			NIOSH 2002	
			NIOSH 2004	
			NIOSH 2500	
			NIOSH 2519	
			NIOSH 2537	
			NIOSH 2538	
			NIOSH 2539	
			NIOSH 2541	
			NIOSH 2546	
			NIOSH 2553	
			NIOSH 2555	
			NIOSH 2557	
			NIOSH 2558	
			NIOSH 5503	
			NIOSH 5510	
			NIOSH 5523	
		OSHA 07		
		OSHA 1001		
		OSHA 48		
		OSHA 57		
		OSHA 67		
		OSHA 99		
	HPLC		NIOSH 2016	
			NIOSH 5004	
			NIOSH 5506	
			OSHA 42	
			OSHA 47	
		OSHA 64		
Spectrometry Core	Atomic Absorption		NIOSH 6009	
			NIOSH 7082	
			NIOSH 7102	
			NIOSH 7105	
			OSHA ID-105	
			OSHA ID-121	
		OSHA ID-140		



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>
Spectrometry Core	Inductively-Coupled Plasma		NIOSH 7301	
			OSHA ID-125G	
	UV/Vis (Colorimetric)		NIOSH 3500	
			NIOSH 6010	
			NIOSH 6014	
			NIOSH 7600	
			NIOSH 7904M	
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		EPA 600/R-93/116	
			NIOSH 9002	
	Phase Contrast Microscopy (PCM)		OSHA ID-191	
			NIOSH 7400	
	Transmission Electron Microscopy (TEM)		OSHA ID-160	
			NIOSH 7402	
Miscellaneous Core	Gravimetric		NIOSH 0500	
			NIOSH 0600	
			NIOSH 5000	
			OSHA 58	

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- | | |
|---|---|
| <ul style="list-style-type: none"> ✓ AIHA-PAT Programs, LLC IHPAT Metals ✓ AIHA-PAT Programs, LLC IHPAT Organic Solvents <input type="checkbox"/> AIHA-PAT Programs, LLC IHPAT Silica <input type="checkbox"/> AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (3M) ✓ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (SKC) <input type="checkbox"/> AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (AT) ✓ AIHA-PAT Programs, LLC IHPAT Asbestos <input type="checkbox"/> AIHA-PAT Programs, LLC Bulk Asbestos (BAPAT) <input type="checkbox"/> AIHA-PAT Programs, LLC Beryllium (BePAT) <input type="checkbox"/> HSE Workplace Analytical Scheme for Proficiency (WASP) (Formaldehyde) <input type="checkbox"/> HSE Workplace Analytical Scheme for Proficiency (WASP) (Thermal Desorption Tubes) | <ul style="list-style-type: none"> <input type="checkbox"/> Pharmaceutical Round Robin <input type="checkbox"/> Compressed/Breathing Air Round Robin <input type="checkbox"/> National Voluntary Laboratory Accreditation Program (NVLAP - determined at the time of site assessment) <input type="checkbox"/> New York State Department of Health (NYS DOH – PCM and TEM) <input type="checkbox"/> ERA Air and Emissions standards for indoor air quality <input type="checkbox"/> Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, formerly BGIA) <input type="checkbox"/> Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST) |
|---|---|



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMS Laboratories, Inc.
117 W. Bellevue Drive, Pasadena, CA 91105-2503

Laboratory ID: 101634
Issue Date: 07/01/2010

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 Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 03/01/2001

Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Airborne Dust	NIOSH 7082	
	NIOSH 7301	
	OSHA ID-125G	
Paint	EPA SW-846 3050M	
	EPA SW-846 6010B	
	EPA SW-846 7420	
Settled Dust by Wipe	NIOSH 7082	
	OSHA ID-125	
Soil	EPA SW-846 3050B	
	EPA SW-846 6010B	
	EPA SW-846 7420	

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- √ Paint
- √ Soil
- √ Settled Dust by Wipe
- √ Airborne Dust