



June 21, 2010

Laboratory ID: 101634

Anthony Kolk  
EMS Laboratories, Inc  
117 W. Bellevue Dr.,  
Pasadena, CA 91105-2503

Dear Mr. Kolk:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved EMS Laboratories, Inc as an accredited Industrial Hygiene and Environmental Lead laboratory.

Enclosed, please find the IHLAP and ELLAP 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 and ELLAP requirements (*see Policy Modules 2B, 2C, 6B, and 6C*), which includes proficient participation in the IHPAT and ELLPAT 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.

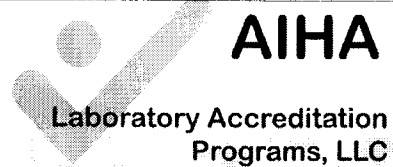
The accreditation certificate is the property of AIHA-LAP, LLC and must be returned to us should your laboratory withdraw or be removed from the IHLAP and ELLAP.

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

Sincerely,

A handwritten signature in cursive script that reads "Cheryl O. Morton".

Cheryl O. Morton  
Director,  
AIHA Affiliate Laboratory Programs  
Enclosure



**AIHA Laboratory Accreditation Programs, LLC**

*acknowledges that*

**EMS Laboratories, Inc**

117 West Bellevue Drive, Pasadena, CA 91105-2503

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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"/> | <b>INDUSTRIAL HYGIENE</b>         | Accreditation Expires: July 01, 2012 |
| <input checked="" type="checkbox"/> | <b>ENVIRONMENTAL LEAD</b>         | Accreditation Expires: July 01, 2012 |
| <input type="checkbox"/>            | <b>ENVIRONMENTAL MICROBIOLOGY</b> | Accreditation Expires:               |
| <input type="checkbox"/>            | <b>FOOD</b>                       | 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](http://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 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 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 Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>Gas Chromatography</b>	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			
NIOSH 1606			
NIOSH 1609			
NIOSH 1613			



IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>	
<b>Core Program Testing</b>	<b>Gas Chromatography</b>	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		
		<b>HPLC</b>	NIOSH 2016	
			NIOSH 5004	
			NIOSH 5506	
	OSHA 42			
	OSHA 47			
	<b>AA</b>	OSHA 64		
		NIOSH 6009		
		NIOSH 7082		
		NIOSH 7102		
		NIOSH 7105		
		OSHA ID-105		
		OSHA ID-121		
	<b>ICP</b>	OSHA ID-140		
		NIOSH 7301		
	<b>XRD</b>	OSHA ID-125G		
NIOSH 7500				
NIOSH 9000				
<b>Gravimetric</b>	OSHA ID-142			
	NIOSH 0500			
	NIOSH 0600			
		NIOSH 5000		



**AIHA**

**Laboratory Accreditation  
Programs, LLC**

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Core Program Testing	Gravimetric	OSHA 58	
	UV/VIS (Colorimetric)	NIOSH 3500	
		NIOSH 6010	
		NIOSH 6014	
		NIOSH 7600	
		NIOSH 7904M	
		OSHA VI-6	
		EPA 600/R-93/116	
	Polarized Light Microscopy (PLM)	NIOSH 9002	
		OSHA ID-191	
		NIOSH 7400	
	Phase Contrast Microscopy (PCM)	OSHA ID-160	
	Transmission Electron Microscopy (TEM)	NIOSH 7402	

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

- Metals\*
- Silica\*
- Asbestos\*
- Bulk Asbestos\*
- Beryllium
- WASP<sup>1</sup> (Thermal Desorption Tubes)
- Pharmaceutical Round Robin
- Compressed/Breathing Air Round Robin
- NVLAP (determined at the time of site assessment)
- Organic Solvents\*
- Diffusive Sampler (3M)\*
- Diffusive Sampler (SKC)\*
- Diffusive Sampler (AT)
- WASP<sup>1</sup> (Formaldehyde)

<sup>1</sup> Workplace Analytical Scheme for Proficiency



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

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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