



December 21, 2018

Laboratory ID: 100551

Bharati Lakshmi  
Marine Chemist Service, Inc.  
11850 Tug Boat Lane  
Newport News, VA 23606

Dear Ms. Lakshmi:

AIHA Laboratory Accreditation Programs, LLC (AIHA-LAP, LLC) has approved an extension to your laboratory's current certificate of accreditation in the Industrial Hygiene, Environmental Lead and Environmental Microbiology. This extension will expire on March 01, 2019. Remember that your laboratory must maintain proficiency per Policy Module 6 in order for the new certificate to be issued.

Your laboratory remains an accredited laboratory in IHLAP, ELLAP and EMLAP. Please keep a copy of this letter with your expired certificate. If you have questions or concerns, please feel free to contact Drake McGregor, Laboratory Accreditation Specialist at (703) 846-0739.

Sincerely,

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

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

*AIHA Laboratory Accreditation Programs, LLC*  
3141 Fairview Park Drive, Suite 777, Falls Church, VA 22042 USA  
*main* +1 703-846-0736 *fax* +1 703-207-8558

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R3 04/18/2014

Page 1 of 1



December 23, 2016

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Bharati Lakshmi  
Marine Chemist Service, Inc.  
11850 Tug Boat Lane  
Newport News, VA 23606

Dear Ms. Lakshmi:

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

Accreditation documentation includes the IHLAP, ELLAP and EMLAP 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, ELLAP and EMLAP requirements (*see Policy Modules 2B, 2C, 2D, 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, ELLAP and EMLAP.

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

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3141 Fairview Park Drive, Suite 777, Falls Church, VA 22042 USA  
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R3 05/05/2015

Page 1 of 1



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **Marine Chemist Service, Inc.**

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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"/> <b>INDUSTRIAL HYGIENE</b>         | Accreditation Expires: January 01, 2019 |
| <input checked="" type="checkbox"/> <b>ENVIRONMENTAL LEAD</b>         | Accreditation Expires: January 01, 2019 |
| <input checked="" type="checkbox"/> <b>ENVIRONMENTAL MICROBIOLOGY</b> | Accreditation Expires: January 01, 2019 |
| <input type="checkbox"/> <b>FOOD</b>                                  | Accreditation Expires:                  |
| <input type="checkbox"/> <b>UNIQUE SCOPES</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 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](http://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: 12/23/2016



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

**Marine Chemist Service, Inc.**  
11850 Tug Boat Lane, Newport News, VA 23606

Laboratory ID: **100551**  
Issue Date: 12/23/2016

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: 05/01/1984**

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>
Spectrometry Core	Atomic Absorption	FAA	EPA SW-846 7000B	
			NIOSH 7082	
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)		NIOSH 7400	
Miscellaneous Core	Gravimetric		NIOSH 0500	
			NIOSH 0600	

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

#### **Marine Chemist Service, Inc.**

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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.

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 and composited wipes analyses are not included as part of the NLLAP.

#### **Environmental Lead Laboratory Accreditation Program (ELLAP)**

**Initial Accreditation Date: 07/25/1994**

Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description <i>(for internal methods only)</i>
<b>Paint</b>		EPA SW-846 3050B	
		EPA SW-846 7000B	
<b>Soil</b>		EPA SW-846 3050B	
		EPA SW-846 7000B	
<b>Settled Dust by Wipe</b>		EPA SW-846 3050B	
		EPA SW-846 7000B	
		NIOSH 7082	
<b>Airborne Dust</b>		EPA SW-846 7000B	
		NIOSH 7082	

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



# AIHA Laboratory Accreditation Programs, LLC

## SCOPE OF ACCREDITATION

### Marine Chemist Service, Inc.

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Issue Date: 12/23/2016

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### Environmental Microbiology Laboratory Accreditation Program (EMLAP)

**Initial Accreditation Date: 04/01/2006**

EMLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Fungal</b>	Air - Direct Examination	MCS SOP No. EM Air Non-Viable 1.1	In-house: Mold Spore Analysis in Air Samples by Direct Examination Using Light Microscopy
	Surface - Direct Examination	MCS SOP No. EM Tape 2.1	In-house: Mold Spore Analysis of Tape Samples by Direct Examination Using Light Microscopy

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