



November 30, 2018

Laboratory ID: 100804

Larissa Welch
Consolidated Nuclear Security, LLC (CNS LLC)
Y-12 Analytical Chemistry Organization Laboratory;
Y-12 National Security Complex Building 9995/113 Union Valley Rd.
Oak Ridge, TN 37830

Dear Ms. Welch:

AIHA Laboratory Accreditation Programs, LLC (AIHA-LAP, LLC) has approved an extension to your laboratory's current certificate of accreditation in the Industrial Hygiene Laboratory Accreditation Program (IHLAP). 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. 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



November 30, 2016

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Larissa Welch
Consolidated Nuclear Security, LLC (CNS LLC)
Y-12 Analytical Chemistry Organization Laboratory
Y-12 National Security Complex Building 9995/113 Union Valley Rd
Oak Ridge, TN 37830

Dear Ms. Welch:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved Consolidated Nuclear Security, LLC (CNS LLC) as an accredited Industrial Hygiene laboratory.

Accreditation documentation includes 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 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 requirements (*see Policy Modules 2B 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.

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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November 17, 2017

Laboratory ID: 100804

Larissa Welch
Consolidated Nuclear Security, LLC (CNS LLC)
Y-12 Analytical Chemistry Organization Laboratory
Y-12 National Security Complex Building 9995/113 Union Valley Rd.
Oak Ridge, TN 37830

Dear Ms. Welch:

Congratulations! AIHA-LAP, LLC is pleased to inform you that your laboratory has regained an overall proficient status at the close of the most recent proficiency analytical testing round for the following analysis: IHPAT Silica, thus removing your laboratory's suspension. Consolidated Nuclear Security, LLC (CNS LLC) is fully reinstated to perform Infrared analysis. Attached is your updated scope page.

If you have any questions or need assistance, please do not hesitate to contact Lena Bulgakova, Accreditation Manager at (703) 846-0792.

Sincerely,

A handwritten signature in cursive script that reads "Olena Bulgakova".

Olena Bulgakova
Accreditaion Manager, AIHA-LAP, 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

Twitter: @AIHA_LAP_LLC

R3 05/04/2015

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AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Consolidated Nuclear Security, LLC (CNS LLC)

Y-12 Analytical Chemistry Organization Laboratory

Y-12 National Security Complex Building 9995/113 Union Valley Rd., Oak Ridge, TN 37830

Laboratory ID: 100804

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, 2018 |
| <input type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: |
| <input type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input type="checkbox"/> UNIQUE SCOPES | 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) for the most current Scope.

William Walsh, CIH
Chairperson, Analytical Accreditation Board

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



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

Consolidated Nuclear Security, LLC (CNS LLC)

Laboratory ID: **100804**

Y-12 Analytical Chemistry Organization Laboratory

Issue Date: 11/17/2017

Y-12 National Security Complex Building 9995/113 Union Valley Rd., Oak Ridge, TN 37830

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: 11/01/1989

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	In-House: Based on OSHA 7	
			NIOSH 1003	
			NIOSH 1400	
			NIOSH 1401	
			NIOSH 1450	
			NIOSH 1457	
			NIOSH 1501	
			NIOSH 1550	
			NIOSH 1603	
			NIOSH 1606	
			NIOSH 2000	
			NIOSH 2500	
			NIOSH 2541	
	NIOSH 5020			
	Gas Chromatography (Diffusive Samplers)		In-House: Based on OSHA 7	
Spectrometry Core	Atomic Absorption	CVAA	EPA 245.1	
			EPA 7471	
			NIOSH 6009	
	Inductively-Coupled Plasma	ICP/AES	EPA SW-846 6010B	
			OSHA ID-125	
	Infrared		NIOSH 7602	

Effective: 04/10/2015

100804_Scope_IHLAP (Regain Silica)_2017_11_16.docx

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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>
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		NIOSH 9002	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	
Miscellaneous Core	Gravimetric		NIOSH 0500	
			NIOSH 0600	
Beryllium Testing	Inductively-Coupled Plasma	ICP/AES	Y50-AC-65-0019	In house method for high fired beryllium oxide
	Optical Fluorescence		ASTM D7202	
			NIOSH 7704	
			NIOSH 9110	

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