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L Q A P N E W S

February 2009 Issue

AIHA Forms Limited Liability Companies for Laboratory Programs

AIHA is pleased to announce that its legacy Laboratory Quality Assurance Programs (LQAP) have been reorganized into three separate Limited Liability Companies (LLCs). Effective immediately, AIHA's laboratory activities, once housed under LQAP, will be known as:

- AIHA Laboratory Accreditation Programs, LLC
- AIHA Registry Programs, LLC
- AIHA Proficiency Analytical Testing Programs, LLC

The LLCs have each been registered as legal entities with their own governance, boards, policies, budgets, technical volunteers and staff, as well as strategic advisors. In forming the LLCs, AIHA has created the flexibility for each laboratory program to be managed and operated like any business and has met the impartiality requirements included in international standards under which AIHA operates. AIHA-accredited laboratories will be receiving their new licensing agreements within the month. These will need to be signed and returned so the AIHA Laboratory Accreditation Programs, LLC can send new accreditation logos. Other than receiving new accreditation logos, information and the separation of the registry and PAT programs websites, AIHA laboratory customers should not expect to see any significant changes in the services they are currently receiving in the short term. Over time, the LLCs are expected to deliver new, innovative products and services to meet the needs of AIHA laboratory customers in this rapidly changing market.

Sage Morgante, the manager of communications and Marketing for each LLC, will be executing a communication plan to improve your knowledge of and comfort with the LLC concept. We look forward to your continued support as we operate AIHA laboratory programs more efficiently under this new business model. Being the director ultimately responsible and accountable for the LLCs, I am committed to seeking and listening to your feedback and suggestions as we move forward. For more information about the LLCs, please contact me at (703) 846-0789 or cmorton@aiha.org.

AIHA Laboratory Quality Assurance Programs

2009 Analytical Accreditation Board

Chair: Pamela A. Kostle, CIH

Vice Chair: Dave Sandusky, CIH

Past Chair: Laura McMahon

Tianbao Bai, PhD, CIH

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Board Coordinator: Michael T. Brandt, PhD, CIH, PMP

Chief Site Assessor: Ronald H. Peters, CIH

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Lindsay E. Booher, CIH, CSP

Mark your Calendar

- The 2009 NACLA Workshop & AGM: Dates: Feb. 7-12, 2009
Hyatt Regency Crystal City, VA
Registration details and program will follow shortly
- 2009 ASTM Johnson Conference: Standardization of Mold:
<http://www.astm.org/MEETINGS/COMMIT/d22symp0709.htm>

Fee Schedule is located at:

<http://www.aiha.org/1documents/lab/2009lqapfees.pdf>

Use of Reporting Limit By EMLAP-Accredited Laboratories

Currently, EMLAP policies define “analytical sensitivity” as the minimum reportable concentration premised on the assumption of the ability to detect one fungal particle or microbial colony in a sample. While this is intuitively satisfying, often it cannot be supported scientifically and objectively. Detecting one fungal particle or microbial colony in a sample is not always consistently possible across all types of samples.

The EMLAP Task Force is studying the application of “reporting limit” to quantitative microbial analyses by direct microscopical examination and culture methods. “Reporting limit” is defined as the lowest concentration of an analyte (i.e., spore or colony) that can be reported with a defined and reproducible level of certainty. Spore and colony counts less than the reporting limit cannot be quantified reliably.

Many factors can affect the detection of fungal particles in spore trap samples and microbial growth for culturable analysis. For direct examination of spore trap, bulk and wipe samples, analytical methodology, sample loading, amount of debris present, spore or particle size, pigmentation, shape, and other microscopic characteristics will determine the ability to detect fungal particles. For example, *Alternaria* spores are generally easier to detect microscopically than some *Aspergillus*/*Penicillium*-like spores or basidiospores. Therefore, the reporting limit would be expected to be different from spore type to spore type and from loading to loading. For culture methods, sample loading, concentration of inoculum, growth rate, and overgrowth due to the presence of some types of colony morphologies are factors that will determine detection for reporting quantitatively. For example, the presence of *Trichoderma* species or some *Bacillus* species can make the quantification of other fungal or bacterial isolates difficult. The above factors all affect the method detection limit of individual types of fungal particles and cultured colonies and the related reporting limit.

Once such a change to policies is in effect, results which fall below the reporting limit shall be reported as “less than” the value of the reporting limit, e.g., <10 spores/m³ or, <6 CFU/m³. Future policies for EMLAP-accredited laboratories will be amended to include the use of reporting limit for quantitative microbial analyses. The EMLAP Task Force will develop a guidance document on reporting limit to assist laboratories with this change.

Consumer Product Safety Commission Update

As reported in the October/November edition of the LQAP News, the Consumer Product Safety Commission published requirements for third party testing laboratories conducting lead testing of painted children’s products on Sept. 22, 2008. Since then, CPSC has issued a number of additional related testing laboratory requirements reiterating their position that laboratories interested in testing products for lead must be accredited by organizations that are part of an ILAC Mutual Recognition Arrangement or an equivalent regional body. AIHA- accredited labs should know that September 2009 is the earliest date that the AIHA Lab Accreditation Programs, LLC can become an ILAC MRA signatory through ILAC regional bodies IAAC or APLAC (see APLAC article). In the meantime, the AIHA Laboratory Accreditation Programs, LLC staff plans to continue its dialogue with CPSC officials and legislators about having accredited AIHA lead laboratories on the list of third party labs to conduct CPSC testing of lead-painted products. As stated in our conversations and written comments to CPSC, AIHA has already accredits labs for lead in paint using the ISO/IEC 17025 standard in addition to our own requirements. All accredited lead labs will be receiving talking points from AIHA by the end of week from which you will be able to craft comments to send to your Congressional representative. Once the AIHA Laboratory Accreditation Programs, LLC achieves international recognition or should the CPSC change its requirements to include AIHA-accredited labs, our lead labs will automatically be eligible to be listed as third party laboratories for testing certain painted lead products. Should you have any questions, please contact Cheryl O. Morton at (703) 846-0789.

Congratulations to New AAB Members

AIHA’s Analytical Accreditation Board (AAB) is pleased to announce the results of its recent election. The following individuals were selected by the AIHA Accredited laboratories that participated in the election and will serve three-year terms beginning in January 2009.

- Larry Pierce, PhD, CIH (Fiberquant Analytical Services)
- Sandra Cruz, MBA (Los Alamos National Laboratory)

In addition to the new members, AAB Vice Chair Pamela A. Kostle, CIH (University Hygienic Laboratory) will assume the post of AAB chair in January 2009, replacing Laura McMahon (Bureau Veritas North America), who will continue to serve on the AAB as its past chair. Dave Sandusky, CIH (Forensic Analytical Laboratories), who was elected by the AAB in June as the incoming vice chair will begin his term in 2009.

Two members will be leaving the AAB at the end of 2008: Past Chair James Kenny, CIH, CSP (ESIS) and Robert Lieckfield, CIH (Bureau Veritas North America). The AAB and AIHA staff members offer their appreciation to Jim for his leadership as chair of the Proficiency Testing Task Force and on developing methods guidance for laboratories. Bob is to be commended for leading the development and establishment of a registry on field operations.

Without the dedicated service of volunteers, LQAP could not achieve its mission of establishing and maintaining the highest possible standards. We thank the members of the AAB Nominating Committee, led by James Kenny, for their work in screening and selecting candidates for the AAB. We also thank the highly qualified individuals who took the time to submit applications for the AAB.

APLAC Meeting in Singapore

By Cheryl O. Morton

AIHA's Executive Director Peter O'Neil and I had the opportunity to go to Singapore on Dec. 8–12 to participate in the technical meetings and General Assembly of the Asia Pacific Laboratory Accreditation Cooperation (APLAC). APLAC is a regional cooperation of accreditation bodies that recognizes (or formally endorses) accreditation bodies and thereby promotes the acceptance of test data and reports by laboratories accredited by signatories to an APLAC Mutual Recognition Arrangement (MRA). APLAC MRA status is granted after an intensive evaluation of an accreditation body in which the APLAC MRA signatory applicant has demonstrated compliance with the international standard ISO/IEC 17011. Currently, AIHA is a full member of APLAC, and the newly-formed AIHA Laboratory Accreditation Programs, LLC submitted an application for APLAC MRA recognition. The application was formally accepted by APLAC's MRA Council and the group will deliberate on it. We expect a full evaluation of the AIHA Laboratory Accreditation Programs, LLC to occur in the third quarter of 2009, making it more likely that we will be part of the MRA by December 2009.

[Note: AIHA LAP, LLC has also applied for MRA status by the Inter-America Accreditation Cooperation (IAAC), and if an IAAC Evaluation Team can visit us by mid-2009 AIHA can be recognized in September 2009.]

In Singapore, Peter and I attended the meetings of the Technical Committee, Proficiency Testing Committee and Public Information Committee, as well as the MRA Council meeting and the General Assembly. Information from these meetings will be shared with the Analytical Accreditation Board and the Proficiency Analytical Testing Board (that will be formed for the PAT, LLC) and their respective technical committees.

During the APLAC General Assembly members were reminded of the APLAC Code of Ethics (APLAC SEC 024). The code is a binding document for all signatories of the APLAC MRA and APLAC full members like AIHA. According to the Code of Ethics, APLAC members (or accreditation bodies) "shall not actively solicit clients from other accreditation body members by offering inducements or advantages not available to all clients or by disparaging or misrepresenting the accreditation process of those other members." Please notify us if you believe or have first-hand knowledge that any accreditation bodies that are part of APLAC are engaging in dialogue, taking actions, or marketing services in a way that may violate this Code of Ethics. AIHA has and will continue to invest resources in APLAC and other international recognition cooperative bodies, and we want to be sure that our laboratory customers understand this code and make sure that we and our fellow accreditation bodies always abide by it. For more information, please visit the APLAC website at www.aplac.org.

Again, AIHA will pursue both IAAC and APLAC recognition in 2009 with the goal of trying to be recognized as soon as possible. For more information about APLAC or the accreditation programs LLC's planned efforts for recognition, please contact me at cmorton@aiha.org or (703) 846-0789.

In Memoriam: Michael E. Beard November 7, 1940–October 28, 2008

By Fred I. Grunder and Bruce Harvey

Michael E. Beard lost his battle with cancer on Oct. 28, 2008. A native of Erwin, N.C., Mike attended Louisburg College prior to completing his degree in chemistry from North Carolina State University. He married his college sweetheart and future lifelong companion Betty in 1965. He then worked for the U.S. Geological Survey in Ocala, Fla. In 1971 he moved back to Raleigh to work for the U.S. Environmental Protection Agency, where he became a leading authority in asbestos monitoring. After 33 years he retired from U.S. government service, but returned to work with Research Triangle Institute. He was a vital member of his church community and devoted many hours of service to church activities.

Mike was a longtime technical advisor to AIHA's Laboratory Quality Assurance Program—serving on the Asbestos Analysis Committee from January 2000 to April 2003, the Technical Advisory Panel from April 2003 to September 2008, and the PT Task Force throughout his volunteering tenure. He played an essential role in improving the Asbestos Analysts Registry and making sure LQAP's asbestos programs met and exceeded the quality expected by federal and state regulations.

Said RTI International Microanalytical Sciences department colleague Owen Crankshaw, "Mike was a mentor to all; an endless font of information, inspiration, and patience. It always felt better with Mike in the room—he knew how to work with everyone and he knew how to get things done. I can't think of anyone who meant more to his colleagues and his profession."

In addition to AIHA, Mike was a member of EIA, ASTM and the Western Film Preservation Society.

He is survived by his wife, Betty; daughter, Barbara Anne and her husband, Ken Parzygnat; son, Michael and his wife, Jennifer; his brother, John Q. Beard; and his grandchildren, Jessica, James, Quincy and Maggie Glenn.

Donations may be made to the Hope Lodge where Mike stayed free of charge during his three months of experimental treatment in Birmingham, Ala. The address is American Cancer Society: Joe Lee Griffin Hope Lodge, 1104 Ireland Way, Birmingham, AL 35205.

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Visit www.aiha.org
for more information on
AIHA's Laboratory Quality Assurance Programs.

2009 LQAP Accreditation Policy Changes Published

Changes Effective May 1, 2009

In February 2009, AIHA will publish (on the LQAP website) revised Accreditation Policy Modules. The 2009 changes were adopted in direct response to requests from members of the LQAP community who submitted policy suggestion forms. Suggestions were considered by the Policy Task Force and ultimately were approved by the Analytical Accreditation Board (AAB). **Policy Revisions will become effective on May 1, 2009.**

Site Assessors, AAB, Technical Advisory Panel (TAP), and staff will all receive training on the new policies at the LQAP Orientation and Training Meeting in February 2009 in San Diego. Modified forms, applications and checklists (if applicable) will be available prior to the May 1 effective date. Check the website and the LQAP News in the coming months for updates.

Module 2A – General Management System Requirements

- The technical manager requirements in 2A.5.2.1.1 were modified to describe on-site responsibilities.
- In 2A.5.4.1, a change was made to clarify that the methods recommended by outside agencies “may be acceptable if the laboratory has verified acceptable method performance applicable to the FoT.”
- In 2A.6, for EMLAP Laboratories, the site assessor shall verify that a written biosafety plan exists.
- The word “purchased” was deleted in 2A.5.6.5 to clarify that reference materials do not have to be purchased to be covered under this requirement.

Module 2B – IHLAP Specific Additional Requirements

- The technical manager qualifications in 2B.3.1 were modified.
- Clarification to 2B.4.2 that this requirement permits the laboratory to demonstrate acceptable performance at a lower level than the reporting limit if decided by the laboratory.
- In 2B.5.3.4, method-neutral language was inserted.
- Clarifications were made to 2B.5.3.7 (e and l).

Module 2C – ELLAP Specific Additional Requirements

- The technical manager qualifications in 2C.3.1 were clarified.

Module 2D – EMLAP Specific Additional Requirements

- In 2D.2.1, the reference to Biological Safety level 3 procedures was deleted.
- 2D.4.1 technical manager education and experience

qualifications were modified in order to align them more closely with the other programs.

- A new section (2D.7.2.1) was added to indicate that for analyses utilizing multiple dilutions and/or varying percentages of sample and/or trace analyzed, the applicable analytical sensitivities shall be reported.
- Changes were made to 2D.6.1.2 and 2D.6.1.3 to create a mechanism for meaningful statistical review.
- A new section (2D.6.1.4) was added as clarification for laboratories with low work load:
 - “Laboratories analyzing less than twenty (20) samples a month for a given analysis shall perform at least one (1) duplicate and one (1) replicate each month samples are received.”
- In 2D.6.2, “Bulk/Wipe” was changed to “Bulk/Surface” for clarification.

Module 2F – Food Laboratory Accreditation Program (FoodLAP) Specific Additional Requirements

- The technical manager qualifications in 2F.3.1 were modified to more closely align with the other programs.

Module 6A – Proficiency Testing (PT)

- In 6A.1, 6A.3.1.1, and 6A.3.2.1, text was added to specify the intent that samples are required to be analyzed using the same analytical procedure used to test customer samples.
- An editorial change was made administratively to 6A.2.7 - readers are now referred to Section 3.8.2 **Maintenance** instead of **3.8.3 Maintenance of Fees**. A modification in the 2008 policies in another section precipitated the need for this change.

Module 6A, 6B, 6C, 6D, 6E and 6F on Proficiency Testing

- Titles of these modules were expanded to clarify that both Proficiency Testing and Round Robin Programs were covered.

Technical Manager

More detailed explanation and guidance will be available to address the technical manager changes across the policy modules (2A.5.4.1, 2B.3.1, 2C.3.1, 2D.4.1, 2F.3.1). Changes were made to increase the consistency across the various programs, where feasible. Check the LQAP website in the upcoming months.

Other Policy Changes

Appendix F—Protocol for Pharmaceutical Round Robin Proficiency Testing Program

Modifications to the protocol are expected in 2009, but these changes were not finalized at the time of this newsletter, and may not be included in the May 1, 2009 Accreditation Policy Revisions. The laboratories involved in this program will be notified when changes are finalized.

Analysts Testing (AAT) Program Improvements in 2009

Numerous changes and improvements are planned for the Asbestos Analysts Registry's (AAR) proficiency program in 2009. Beginning with the first round of 2009, AAT round 89, participants will notice the following:

- AAT samples will now be composed of Amosite fibers in odd numbered rounds and Chrysotile fibers in even numbered rounds.
- The reference mean, upper control limit and lower control limit of AAT sample results will be determined using a more robust statistical processing. Allowing us to provide you with aggregate results for all organizations participating in the round.
- The AAT Deadlines and Instructions for Asbestos Analysts Testing (AAT) Participants and the AAT Retest Order Form will no longer be included in your sample boxes. The AAT Round Results Worksheet will still be included in your sample boxes in an effort to eliminate waste and lessen the effect of this program on the environment.

These changes are a part of the continued effort to improve and strengthen the AAR and AAT programs, i.e., the new AAT Performance Report format, the posting of AAT results to the website, e-mail notification of AAT result posting, the addition of analyst and organization name to the AAT Confirmation Submission pages, the complete 2008 revision of the AAR application and policy document, and added contact management abilities that allow AIHA to maintain AAR and AAT contacts for your organization. We appreciate all of your feedback and comments that have lead to these improvements.

More information on the changes for 2009 will be posted to the AIHA website in the near future. All AAR organizations will receive notification when this information is posted. If you have any questions regarding these changes, please contact the AAR Program Specialist, Carter Dezio, at cdezio@aiha.org or (703) 846-0798.

Attention current and upcoming WASP participants:

If you are enrolled or are planning to enroll in WASP and are currently accredited, or are going to pursue accreditation in the future, please note that you must enroll in the WASP program through the PAT Specialist Anthony Hodge at AIHA (ahodge@aiha.org) or (703) 846-796. Please contact Anthony if you have any questions. Note: if you do not enroll through AIHA, even if you are in the WASP program, this PT participation will not be reflected on your Scope of Accreditation.

Silica Clarification

Silica is the Industrial Hygiene Proficiency Analytical Testing program default for all XRD methods (save NIOSH 7506) which is a Demonstration of Competency. Please also note there are some additional single methods in other FoTs that are also tied to IHPAT Silica proficiency: UV/Vis method NIOSH 7601 and IR method NIOSH 7602. If your laboratory becomes overall non-proficiency in IHPAT Silica, you will need to track these three exceptions and let the Laboratory Accreditation Specialist who reissues your Scope of Accreditation know if there are any errors made in removal of appropriate methods from these FoTs.

Gas Chromatography–Diffusive Sampler Update

Due to inquiries from accredited laboratories, LQAP would like to clarify that Gas Chromatography–Diffusive Sampler are now a separate new Field of Testing on the application form 2B and on the Scope of Accreditation. The GC-DS FoT was pulled from the larger Gas Chromatography FoT in the October 2006 application revision. Please note that you will need to list any methods associated with diffusive samplers/badges within the GC-DS FoT rather than the GC FoT and be enrolled in both corresponding Industrial Hygiene Proficiency Analytical Testing programs as referenced in Module 6 of the Policies. Your laboratory will also need to attach the corresponding documentation under 7A and 7B of the accreditation application if seeking reaccreditation including this separate FoT. This refers to the “attachments checked” under Reaccreditation at the caveat “Required when applying for FoT not previously accredited.” If your laboratory is enrolled in IHPAT Diffusive Sampler, but does not have the methods separated out into the proper FoT, you will not be accredited for Diffusive Sampler and you may lose those methods if you become non-proficient in IHPAT Organics.

Report on Third Annual Beryllium Health and Safety Conference

By Cheryl O. Morton

I had the privilege of attending the Third Annual Beryllium Health and Safety Conference on Nov. 17–19, 2008 in Albuquerque, N.M. where I learned so much about the health effects, epidemiology and worker safety issues surrounding beryllium. My role at the meeting was to deliver a presentation about AIHA's accreditation and proficiency testing efforts related to beryllium which, according to what I learned, is still broadly used in military applications. Following the meeting, I had a chance to continue a dialogue started with the AAB and members of the BEHSC on plans to transition the BePAT sample from beryllium acetate to beryllium oxide beginning in 2009. I will ask the soon-to-be-formed Proficiency Analytical Testing Board to work with me to add a fifth sample to BePAT in 2009. We also reaffirmed DOE's commitment to working with AIHA to develop a registry for persons analyzing beryllium samples in the field. More information about this new sample in BePAT, including the Material Safety Data Sheet for BeO, will be made available to BePAT participants in the beginning of February. AIHA expects to announce the new Beryllium Registry in mid-2009. In the meantime, information from the Beryllium conference, including slides, can be found at <http://www.sandia.gov/BHSC/>.

Reminder: Annual Update Eliminated— Significant Changes Still Need to Be Reported

Although the annual update is no longer required in the policies, reporting of significant changes per 3.8.1 is still required within 20 business days. The following changes need to be reported to AIHA staff:

- Personnel changes that include technical manager and quality manager (now that the quality assurance coordinator title has been changed to quality manager). Check Policy 2A.5 and the specifics of your accreditation program to ensure that these positions fulfill the qualifications outlined.
- Facility location and/or ownership—not only is it required by Policy 3.8.1, but your accreditation covers only the laboratory as named on the certification of accreditation and the facility address as listed.

Help us keep you current. If your laboratory is not receiving its proficiency testing samples, the LQAP News, or general correspondence, please contact us to verify your address and primary/billing contact. If you have any accreditation questions, please contact Olena Bulgakova at obulgakova@aiha.org.

LQAP Welcomes New Members to the TAP

Seven individuals were appointed by the AAB to the Technical Advisory Panel (TAP) for three-year terms beginning in January 2009.

- Stacey Bolling (Fluor Hanford)
- Michael Breu, CIH (Fiberquant Analytical Services)
- Michael Schappert (Los Alamos National Laboratory)
- Dan Pastuf (Galson Laboratories)
- Cynthia Pugh (American Electric Power)
- Charles Stoye, CIH, CSP (Washington Savannah River Company)
- Jennifer Shim (EMLab P&K)

There were a record number of submissions this year. AIHA thanks all of the candidates who took the time to apply for these positions.

The following laboratories completed the reaccreditation process in 2008:

101145	Abbott Laboratories Global EHS Laboratory	100134	Chemscope, Inc.
101066	ACL Industrial Toxicology Laboratory	102021	City of Houston DHHS Laboratory
102853	ACT Environmental Services, Inc.	102186	City of Milwaukee Health Department
100307	Adirondack Environmental Services, Inc.	100355	Clark Laboratories, LLC
102047	Advanced Chemical Sensors, Inc.	101661	Columbia Analytical Services, Inc.
102794	Advanced Scientific Laboratories	101030	Corrosion Control Consultants & Labs, Inc.
167620	Aemtek, Inc.	101002	CzarTech Analytical, Inc.
102977	Aerobiology Laboratory Associates, Inc.	101526	DCM Science Laboratory
100275	Airtek Environmental Corp.	101005	Dow Chemical Company
101910	ALS Lab Group - Environmental Division	100878	EA Group
100470	AMA Analytical Services, Inc.	101347	EEG, Inc.
101101	Applied Environmental Sciences, Inc.	101634	EMS Laboratories, Inc.
101413	Armstrong Forensic Laboratory	102992	EMSL Analytical, Inc
101606	Assaigai Analytical Laboratories	100662	EMSL Analytical, Inc
101728	AT Labs, A Unit Of Assay Technology	102636	EMSL Analytical, Inc.
100804	B & W Technical Services Group Y12, LLC Analytical Chemistry Organization (ACO)	157245	EMSL Analytical, Inc.
100448	Batta Laboratories, Inc.	151772	Envirocheck, Inc.
101103	Braun Intertec Corporation	102959	EnviroHealth Technologies, Inc.
100220	Bristol-Myers Squibb Industrial Hygiene Laboratory	101235	Environmental Health Laboratories
		179623	Environmental Microbiology Lab, Inc.

178697.....Environmental Microbiology Laboratory	100160Merck & Co., Inc., Global IH Laboratory
160266.....Environmental Microbiology Laboratory Inc.	100066.....MIT Industrial Hygiene Lab
176641Environmental Microbiology Laboratory, Inc.	182914.....National Security Technologies (NSTec)
173068Environmental Microbiology Laboratory, Inc.	100915.....NIOSH/DART/Chemical Exposure and Monitoring Branch
100789Environmental Science Corporation	101919Occupational & Environmental Health Laboratory, McMaster University
100247Enviro-Probe, Inc.	101823.....Oregon OSHA Lab
101435Envirotest, Ltd.	101575OSHA Salt Lake Technical Center
100044ESA Laboratories, Inc.	101513.....Pantex Industrial Hygiene Laboratory
173499.....Forensic Analytical	101077Parker Services, LLC
101762.....Forensic Analytical Laboratories, Inc.	100600Research Triangle Institute
101629.....Forensic Analytical Specialties, Inc.	100600Research Triangle Institute
100385.....Free-Col Laboratories, a Division of Modern Industries, Inc.	100621.....SC Department of Health & Environmental Control
101557FRS Geotech, Inc.	100527Schneider Laboratories, Inc.
100123.....Fuss and O'Neill EnviroScience, LLC	101389.....Sea Harbor Laboratories
100324.....Galson Laboratories	101729.....SRI International
101438HIH LABORATORY, INC.	100118State of Connecticut Department of Public Health
167400Hygeia Laboratories Inc.	101887State of Washington
101658Hygeia Laboratories, Inc.	187436TestAmerica
183279.....IDEH Laboratory	101044.....TestAmerica Analytical Testing Corporation
100945Indiana State Department of Health	100124The Hartford Loss Control Laboratory
101097.....Institute for Environmental Assessment	102243The Hong Kong Univ. of Sci. & Tech.- Health, Safety, & Env'l Office (HSEO) Lab
101537Johns Manville	173028.....TMI Analytical Services, LLC
100269KAM Consultants Corporation	100797TOSHA Laboratory
101757Lawrence Livermore National Laboratory	100122.....TRC Environmental Corporation
101095.....LEGEND Technical Services, Inc.	100468.....US Army Center for Health Promotion and Preventive Medicine
100551.....Marine Chemist Service	102192USACHPPMEUR Department of Laboratory Sciences
100944Marion County Health Department	101926XStrata Copper CANADA, Horne SmelterEnvironmental & IH Laboratory
100061Massachusetts Division of Occupational Safety	
100655Materials Analytical Services, LLC	
102797.....Materials And Chemistry Laboratory, Inc.	

Laboratory Accreditation Course at AIHce

Sunday and Monday | 9:00 a.m.-5:00 p.m. | Fee: \$399/\$499 | Limit: none

Ronald H. Peters, CIH, President, Peters Consulting Inc., Moraga, CA

<http://www.aiha.org/aihce09/education/course.aspx?id=501>

This two-day course is designed for laboratory professionals interested in learning more about ISO/IEC 17025:2005 and applying for accreditation under AIHA's laboratory quality assurance programs.

