

ISO 17025 Training Offerings as of December 18, 2013

Training Name and Description	ISO 17025: 2005 Section	Sponsoring Organization	Cost	Training Title	Web link	Training type
Introduction to the 17025 Laboratory Management System Requirements	4.1-4.2	Texas A & M	\$750 for online professional education student	Laboratory Quality Systems http://regsci.tamu.edu/toprint/LabQualitySystems.pdf	http://regsci.tamu.edu/toprint/LabQualitySystems.pdf	online class
		AIHA	\$250 member, \$350 nonmember	Developing and Maintaining a Laboratory Quality Management System	https://www.aiha.org/education/CourseCalendar/eLearning/Pages/LabQualityMgt.aspx	self-study
		APHL	Free	943-13 ISO/IEC 17025 Road to Accreditation: Where to Start	https://www.aplnet.org/eweb/DynamicPage.aspx?webcode=EventInfo&RegPath=EventRegFees&REg_evt_key=954c71b6-2ce0-4faa-9ab8-a142df06452e	webinar
		ACLASS	\$750 non-member, \$650 member	Introduction to ISO/IEC 17025-June 2-6, 2014; October 13-17, 2014	http://www.aiclasscorp.com/training.aspx	classroom
		APHL/A2LA	\$100	ISO/IEC 17025 Quality Management Series7	http://www.aphl.org/courses/Pages/588-720-12.aspx	webinar
		Paton Publishing	\$229	Introduction to cost of Quality	http://www.patonprofessional.com/introduction-to-cost-of-quality-on-demand-webinar/	on-demand webinar
		A2LA	\$995 non-members, \$945 members except April 14-15-\$795 member, \$745 non-members	ISO/IEC 17025 and Accreditation (February 26-28, 2014; April 14-15, 2014; June 18-20, 2014)-quality system and documentation (Quality Manual)	http://www.a2la.org/training/index.cfm	classroom
		Paton Professional	\$199	Making the most of your Quality Manual, Feb 20, 2014	http://www.patonprofessional.com/making-the-most-of-your-quality-manual-live-webinar/	live webinar

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		TNI	\$84 nonmember, \$74 member	Developing the Quality Manual as a Useful Management Tool	http://www.nelac-institute.org/eds-home.php	webinar
		ASQ	\$750	Introduction to ISO/IEC 17025 (June 2-6 2014; Cincinnati, OH)	http://asq.org/training/introduction-to-iso-iec-17025_INTRO17.html	classroom
		A2LA	\$495	ISO/IEC 17025 for Accredited Laboratories , March 12, 2014	http://www.a2la.org/training/index.cfm	classroom
		Perry Johnson	\$995	ISO 17025 Overview: Preparation and Accreditation (contact for dates)	http://www.pji.com/iso_training.asp?searchtype=international	classroom
		Omnex	\$795	Understanding and Implementing ISO/IEC 17025:2005-TBD for 2014	http://www.omnex.com/training/laboratory_quality_systems/lqs_iso_dis_17025.aspx?ival=149	classroom
	4.1	TNI	\$84 nonmember, \$74 member	Defining Organizational Responsibilities	http://www.nelac-institute.org/eds-home.php	webinar
	4.1.5	The 9001 Group	\$1050	The New Quality Manager Course (3-days), The Woodlands, TX, March, May, July, September, November 2014	http://www.iso9001group.com/course_schedule_api_iso_ohsas.html	in-person
		Paton Professional	\$229	Procedure Writing	https://www.patonprofessional.com/procedure-writing-on-demand-webinar/	on-demand webinar

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ISO/IEC 17025: Document Control & Record Management	4.13	APHL/A2LA	\$25	Records Management	http://www.aphl.org/courses/Pages/588-720-12.aspx	webinar
	4.13	TNI	\$84 nonmember, \$74 member	Records and Record Keeping	http://www.nelac-institute.org/eds-home.php	webinar
	4.3, 4.13	The 9001 Group	\$300	Document and Record Control Course, The Woodlands, TX; March, May, July, September, November 2014	http://www.iso9001group.com/course_schedule_api_iso_ohsas.html	in-person
	4.3	Paton Professional	\$229	Introduction to Document Control video	http://www.patonprofessional.com/videos/	video
	4.3	TNI	\$84 member, \$74 nonmember	Document and Document Control	http://www.nelac-institute.org/eds-home.php	webinar
ISO/IEC 17025: Contracts, Contract Review and Subcontracting	4.4	PJLA	Free	The Review of Requests Tenders and Contracts	http://www.pjlab.com/past-webinars/	webinar
	4.4-4.5	APHL/A2LA	\$25	Contracts, Contract Review and Subcontracting	http://www.aphl.org/courses/Pages/588-720-12.aspx	webinar
ISO/IEC 17025: Purchasing services and supplies	4.6	PJLA	Free	What really is needed to be on your approved supplier list	http://www.pjlab.com/past-webinars/	webinar

Training Name and Description	ISO 17025: 2005 Section	Sponsoring Organization	Cost	Training Title	Web link	Training type
	4.6	PJLA	Free	Critical Issues Related to the Purchasing Function ISO/IEC 17025:2005-Section 4.6	http://www.pjlabs.com/past-webinars/	webinar
ISO/IEC 17025: Service to the Customer, Complaints, Control of non-conforming testing, improvement, corrective action and preventive action	4.11, 4.12	ASQ	\$1,595	Root Cause Analysis	http://asq.org/training/root-cause-analysis_RCA.html	classroom
	4.11	Paton Professional	\$229	Introduction to Root Cause Analysis video	http://www.patonprofessional.com/videos/	video
	4.11	Paton Professional	\$229	Creating a Corrective Action Plan	http://www.patonprofessional.com/videos/	video
	4.11	Paton Professional	\$199	Introduction to Root Cause Analysis-on-demand webinar	http://www.patonprofessional.com/introduction-to-root-cause-analysis-on-demand-webinar/	on-demand webinar
	4.11	Paton Professional	\$199	Get Tough on Corrective Actions-live on Feb 25, 2014	http://www.patonprofessional.com/get-tough-on-corrective-actions-live-webinar/	live and on-demand webinar
	4.11	Paton Professional	\$199	When to initiate Corrective Action-live on Jan 8, 2014	http://www.patonprofessional.com/when-to-initiate-corrective-action-live-webinar/	live and on-demand webinar
	4.11	Paton Professional	\$199	Developing an Effective Corrective Action Plan	http://www.patonprofessional.com/developing-an-effective-corrective-action-plan-on-demand-webinar/	on-demand webinar
	4.11	Perry Johnson	\$995	Root Cause Analysis (contact for dates)	http://www.pji.com/iso_training.asp?searchtype=international	classroom

Training Name and Description	ISO 17025: 2005 Section	Sponsoring Organization	Cost	Training Title	Web link	Training type
	4.11	A2LA	\$495 for non-member, \$445 for members	Root Cause Analysis and Corrective Action, April 16, 2014	http://www.a2la.org/training/index.cfm	classroom
	4.7, 4.8, 4.9, 4.11	ASQ	\$269	Root Cause Analysis: Solving Problems by Eliminating Causes	http://asq.org/training/root-cause-analysis-solve-problems-by-eliminating-causes_RCAQWBT.html	webinar
	4.11, 4.12	ASQ	\$595/web or \$795 classroom	Corrective and Preventive Action (April 8-9, 2014; July 2014 (classroom, Milwaukee WI), October 2014, December 2014)	http://asq.org/training/corrective-and-preventive-action_VCAPS.html	instructor led, web-based and classroom
	4.11, 4.12	Labtopia	\$495, group \$470	Introduction to Root Cause Analysis and Corrective and Preventive Action TBD for 2014	http://www.labtopiainc.com/events/76/	classroom
	4.11, 4.12	TNI	\$50 nonmember, \$40 member	Corrective Action Process and Root Cause Analysis	http://www.nelac-institute.org/eds-home.php	webinar
	4.7, 4.8, 4.11, 4.12	APHL/A2LA	\$25	Complaints, Feedback, Root Cause Analysis and Corrective Action	http://www.aphl.org/courses/Pages/588-720-12.aspx	
	4.11	bioMerieux	\$249	The Importance of an Effective Corrective Action Process in the Food and Pharmaceutical Industry	http://www.biomerieuxperformancesolutions.com/archived-webinars.php	Archived webinar

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ISO/IEC 17025: Improvement and Preventive Action	4.10, 4.12	ASQ	\$795 member, \$895 nonmember	Corrective and Preventive Action (various in 2014)	http://asq.org/training/corrective-and-preventive-action_VCAPS.html	web or classroom
	4.12	Paton Professional	\$199	Harnessing the Power of Preventive Action	http://www.patonprofessional.com/harnessing-the-power-of-preventive-action-on-demand-webinar/	on-demand webinar
ISO/IEC 17025: Internal Audits and Management Review	4.14	ANSI/AClass	\$1,595	ISO/IEC 17025 Lead Assessor Training	http://www.aiclasscorp.com/training.aspx	classroom
	4.14	ISO 9001 Group	\$350 (1 day) \$700 (2 days)	Internal auditor 1 and 2 day courses- almost every month; The Woodlands, TX	http://www.iso9001group.com/course_schedule_api_iso_ohsas.html	classroom
	4.14-4.15	AClass	\$950	ISO/IEC 17025 Internal Auditing	http://www.aiclasscorp.com/training.aspx	classroom
	4.14	Labtopia	\$695 single student; \$660 group rate; \$600 mock audit	ISO 9001/ISO 17025 Internal Auditor Training, TBD for 2014	http://www.labtopiainc.com/labtopia-training/	classroom
	4.14	L-A-B	\$795	ISO/IEC 17025 Internal Auditor Training for Team and Lead Auditors TBD for 2014	http://www.l-a-b.com/	classroom
	4.14	A2LA	\$795	ISO/IEC 17025 and Accreditation (March 10-11, May 12-12, 2014)-internal auditing	http://www.a2la.org/training/index.cfm	classroom

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	4.14	A2LA	\$795 nonmember, \$745 member	Internal Auditing (March 10-11, 2014)	http://www.a2la.org/training/intaudit.cfm?private=no	classroom
	4.14	Omnex	\$1150	Internal Auditing Training-Feb 10-12, 2014-Ann Arbor, MI Mar 10-12, 2014-San Jose, CA May 12-14, 2014-Ann Arbor, MI Aug 27-29, 2014-Ann Arbor, MI Dec 01-03, 2014-Ann Arbor, MI	http://www.omnex.com/training/laboratory_quality_systems/isoiec17025internalauditing.aspx	classroom
	4.14	Paton Professional Publishing	\$199	Introduction to Internal Auditing	http://www.patonprofessional.com/p-142-introduction-to-internal-auditing.aspx	e-Learning course-12 hours
	4.14	Perry Johnson	\$1,295	ISO 17025 Internal Auditor (contact for dates)	http://www.pji.com/iso_training.asp?searchtype=international	classroom
	4.14	Paton Professional	\$229	Introduction to Internal Auditing on-demand webinar, live on January 9, 2014	http://www.patonprofessional.com/introduction-to-internal-auditing-on-demand-webinar/	live and on-demand webinar
	4.14	Paton Professional	\$179	Internal auditing e-Learning course	http://www.patonprofessional.com/internal-auditing-basics-e-learning-course/	e-learning course
	4.14	Paton Professional	\$229	Introduction to Internal Auditing Video	http://www.patonprofessional.com/videos/	video

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	4.14	AClass	\$950 nonmember,, \$850 members	Internal Auditing to ISO/IEC 17025 (April 7-9, 2014 Pittsburg, PA; September 15-17,2014; December 8-10, 2014)	http://www.aiclasscorp.com/training.aspx	classroom
	4.14	AClass	\$1,595 nonmember, \$1,395 member	ISO/IEC 17025 Lead Assessor Training (March 17-21, 2014 La Jolla, CA; August11-15, 2014 Minneapolis, MN)	http://www.aiclasscorp.com/training.aspx	classroom
	4.14-4.15	TNI	\$60 nonmember, \$50 member	Internal Audits and Management Reviews	http://www.nelac-institute.org/eds-home.php	webinar
	4.15	Paton Professional	\$199	Fundamentals of Management Review-live on Jan 16, 2014	http://www.patonprofessional.com/fundamentals-of-management-review-live-webinar/	live and on-demand webinar
	4.15	Paton Professional	\$229	Introduction to Management Review video	http://www.patonprofessional.com/videos/	video
Basic Ethics, Data Integrity & Measurement Uncertainty for Nontechnical staff	4.2.2	APHL	\$115	Data Integrity And Ethics for the Environmental Laboratory (908-13 SS)	908-13SS Data Integrity and Ethics for the Environmental Laboratory	webinar
		TNI	\$70 nonmember, \$60 member	Ethics training for the environmental professional	http://www.nelac-institute.org/eds-home.php	webinar

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		PJLA	Free	17025:2005 requirements related to Confidentiality, Conflict of Interest & Undue Pressure & Influence	http://www.pjlabs.com/past-webinars/	webinar
		APHL	Free	Basic Ethics and Data Integrity for Non-Technical Staff (314-12)	https://www.aplnet.org/eweb/DynamicPage.aspx?webcode=EventInfo&RegPath=EventRegFees&REg_evt_key=2fba22b1-4f5d-475d-a356-f10017e688f3	webinar
Advanced Ethics & Data Integrity for Lab & Technical Staff, Assuring the quality of Test Results	4.1.5, 4.9, 5.4.7, 5.9	APHL	Free	Ethics and Data Integrity for Technical Staff (313-12)	https://www.aplnet.org/eweb/DynamicPage.aspx?webcode=EventInfo&RegPath=EventRegFees&REg_evt_key=971ddac0-b4bc-47b5-979e-939453d04afb	webinar
		APHL	\$105	On Slippery Slopes: Principles, Problems and Causes in Lab Ethics	915-13 On Slippery Slopes: Principles, Problems and Cases in Lab Ethics	webinar
		Advance	Free	Ethics and the Lab	http://laboratory-manager.advanceweb.com/Web-Extras/Online-Extras/Editorial-Webinars.aspx	webinar
		Advance	Free	Maintaining Data Integrity	http://laboratory-manager.advanceweb.com/Web-Extras/Online-Extras/Editorial-Webinars.aspx	webinar
		TNI	\$84 nonmember, \$74 member	Establishing a Data Integrity Plan	http://www.nelac-institute.org/eds-home.php	webinar
		PJLA	Free	17025:2005 requirements related to Confidentiality, Conflict of Interest and Undue Pressure and Influence	http://www.pjlabs.com/past-webinars/	web

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Personnel	5.2	A2LA	\$1,545	Assessment of Laboratory Competence March 31-April 4, 2014	http://www.a2la.org/training/index.cfm	classroom
		Paton Professional	\$199	Managing Employee Competence, Training, and Awareness Live on January 30, 2014	http://www.patonprofessional.com/managing-employee-competence-training-and-awareness-live-webinar/	live and on-demand webinar
Test Methods and method validations (Uncertainty Measurement) & Traceability	5.4.6	ASQ	\$1,100	Practical Measurement of Uncertainty-Testing (April 9-11, 2014 Pittsburgh, PA)	http://asq.org/training/practical-measurement-uncertainty-testing_PMUT.html	classroom
	5.4.6	A2LA	\$745member /\$795 nonmember	Introduction to Measurement Uncertainty February 24-25, 2014; June 16-17, 2014	http://www.a2la.org/training/index.cfm	classroom
	5.4.6	ACCLASS	\$1,100 nonmember, \$975 member	Practical Measurement Uncertainty – Testing September 17-19,2014; December 10-12, 2014	http://www.aaclasscorp.com/training.aspx	classroom
	5.4.6	APHL	Free	Introduction to Analytical Measurement Uncertainty (316-12)	https://www.aphl.net/org/eweb/DynamicPage.aspx?webcode=EventInfo&RegPath=EventRegFees&REg_evt_key=3578c430-7399-413f-a001-8193b5a0ee31	webinar

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		bioMerieux	\$299	A Microbiologist's Simple View on Estimation of Measurement of Uncertainty	http://www.biomerieuxperformancesolutions.com/archived-webinars.php#simple	webinar
		PJLA	Free	ISO/IEC 17025:2005, Section 5.6 Measurement Traceability: Requirements related to establishment and maintenance of traceability for calibration and testing results	http://www.pjlab.com/past-webinars/	webinar
		TNI	\$84 member, \$74 nonmember	Method Selection and Validation	http://www.nelac-institute.org/eds-home.php	webinar
		bioMerieux	\$299	Method Validation	http://www.biomerieuxperformancesolutions.com/archived-webinars.php#method-validation	webinar
		bioMerieux	\$299	Routine Use of the Method	http://www.biomerieuxperformancesolutions.com/webinars/weitzel-11-14-13.php	webinar
		bioMerieux	\$299	Method Verification	http://www.biomerieuxperformancesolutions.com/webinars/weitzel-11-19-13.php	webinar
ISO/IEC 17025: Proficiency Testing	5.9.1	PJLA	Free	Proficiency Testing Theory	http://www.pjlab.com/past-webinars/	webinar
ISO/IEC 17025: Reporting Results	5.10	PJLA	Free	What constitutes an Acceptable Test Report or Calibration Certificate?	https://www3.gotomeeting.com/register/833455974	webinar

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bioMerieux	\$995	Introduction to Food Microbiology-“The Basics”, February 11-12, 2014; Green Bay, WI	http://www.biomerieuxperformancesolutions.com/workshops.php	classroom
bioMerieux		Microbiology 101 Workshop, February 26, 2014;Durham NC	http://www.biomerieuxperformancesolutions.com/workshops.php	classroom
Labtopia		Instrumentation, Quality, Regulatory, Soft Skills Training	www.labtopiainc.com	various
APHL	Free	Organizing your Lab with LEAN 6S Principles (315-12)	Organize Your Lab with Lean 6S Principle	<u>webinar</u>
APHL	Free	Good Laboratory Practices for Molecular Genetics (PACE 321-12; CME 510-322-12)	http://www.aphl.org/courses/Pages/321-12.aspx	webinar
APHL	\$195	QMS: Leadership and Management Roles and Responsibilities	604-13 GP38 – QMS: Leadership and Management Roles and Responsibilities	<u>webinar</u>
APHL	\$195	Laboratory Quality Control Based on Risk Management	https://www.aphl.net/org/eweb/DynamicPage.aspx?webcode=EventInfo&RegPath=EventRegFees&REg_evt_key=a3e1b771-a895-4588-a10d-1d8e7a026e3a	webinar
APHL	\$115	Test Method Verification in the Microbiology Laboratory	https://www.aphl.net/org/eweb/DynamicPage.aspx?webcode=EventInfo&RegPath=EventRegFees&REg_evt_key=ea971af0-e070-4a99-91fe-4139a75b305f	webinar

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IFPTI	Free	FDA-Communication skills for Regulators	http://www.ifpti.org/fda-communication-skills	online
IFPTI	Free	FDA-Labeling	http://www.ifpti.org/fda-labeling	online
IFPTI	Free	FDA-Pasteurization	http://www.ifpti.org/fda-pasteurization	online
CDC	Free	Epidemiological Case Studies	http://www.cdc.gov/epicasestudies/	online
FDA		ORA-U courses for the laboratory	http://www.fda.gov/Training/ForStateLocalTribalRegulators/ucm324473.htm	
JIFSAN	\$1,200-\$3,500	International Food Safety Laboratory Training	http://ifstl.jifsan.umd.edu/upcomingClasses/ Microscopic and Chemical Methods of identification of Botanicals and Contaminants in Dietary Supplements Methods of Identification of <i>Salmonella</i> and <i>Campylobacter</i> in Food Rapid Methods in Food Microbiology Chemical Identification of Intentional and Unintentional Chemical Contaminants in Food Determination of <i>E. coli</i> EHEC in Fresh Produce and Meat Methods of Determination for Drug Residues in Aquaculture, Meat, and Poultry Food Microbiology for Industry Analysis Method Development for Pesticide Residue Analysis and Use of Data in Risk Analysis Methods of Determinations for Mycotoxins Methods of Determination for Artificial Colors in Foods	on-site
AEMTEK		AEMTEK Food Safety Training Courses	http://aemtek.com/training/	
IAFP		Archived webinars	http://www.foodprotection.org/events/webinars/	
IAFP		Upcoming webinars	http://www.foodprotection.org/events/webinars-future/	
The Safety Lady		Safety Academy	http://www.safetylady.com/product_gallery/	

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IFPTI	Free	Instructor-Development Workshop	http://www.ifpti.org/training/schedule	classroom
Arizona DHS Laboratory	Free	Instrument calibration	http://www.azdhs.gov/lab/license/tech/calibration-training/	
Advance	Free	Making Sense of Laboratory Statistics	http://laboratory-manager.advanceweb.com/Web-Extras/Online-Extras/Editorial-Webinars.aspx	webinar
TNI	\$84	Theoretical and Practical Consideration for Establishing Sensitivity of Measurements	http://www.nelac-institute.org/eds-home.php	webinar
ASQ	\$129	Measurement System Analysis for Beginners: Know Measurement Error	http://asq.org/training/measurement-system-analysis-for-beginners-know-measurement-error_MSAJPR.html	<u>webinar</u>
Michigan State University	Free	Food Fraud Overview MOOC- May 6-May 24, 2013	http://msufoodfraud.com/mooc/	Massive open on-line course
Texas A & M		Regulatory Science: Principles & Practices in Food Systems	http://regsci.tamu.edu/	online course
Texas A & M		Comparative Global Standards in Food Systems	http://regsci.tamu.edu/	online course

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Texas A & M		Regulatory Science Methodology in Food Systems	http://regsci.tamu.edu/	online course
Texas A & M		Managerial Economics for Regulatory Science	http://regsci.tamu.edu/	online course
APHL	Free	936-13 Comprehensive Training Program for Environmental Chemistry Labs- October 24, 2013	https://www.aphlnet.org/eweb/DynamicPage.aspx?webcode=EventInfo&RegPath=EventRegFees&REg_evt_key=8a364456-be39-42b8-a457-ab49187f3dce	webinar
Artel	\$1,950	Pipette Quality Management Seminar-May 9-10, 2013 and October 10-11, 2013	http://www.artel-usa.com/registration.aspx	on-site
Artel	\$195	Best Practices in Manual Pipetting- May 16, 2013	http://www.artel-usa.com/order_webinar.aspx	webinar
Compliance 2Go	\$189 live/\$289 on-demand	The US FDA Quality System Regulation (QSR) – What Every Executive and Senior Manager Must Know-live for May 9th, 2013	https://compliance2go.com/index.php?option=com_training&speakerkey=46&productKey=243	webinar
bioMerieux	Free	LEAN Lab Analysis	http://www.biomerieuxperformancesolutions.com/presentations.php	video presentation on this site

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St. Cloud State University	\$600 early	Annual Food Microbiology Symposium September 22-24, 2014	www.stcloudstte.edu/cose/FMS	on-site
Auburn University Food Systems Institute		Basic Food Microbiology, Vibrios, Laboratory Techniques in Food Microbiology	http://www.aufsi.auburn.edu	

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Type	Title	Reference Information	Website/Location	Cost	Date accessed
	The Mentoring Group	Mentoring info/training	www.mentoringgroup.com		6/5/2013
ISO 17025 4.11	Root Cause Analysis for Beginners	Rooney, J. and Vanden Heuvel, L., ASQ, Quality Progress, July 2003, pp 45-53	https://servicelink.pinnacol.com/pinnacol_docs/lp/cdrom_web/safety/management/accident_investigation/Root_Cause.pdf	-	4/15/2013
	Instrument Calibration	Arizona Department of Health and safety	http://www.azdhs.gov/lab/license/tech/calibration-training/index.htm	-	4/18/2013
	State Assessor Calibration Policy	Arizona Department of Health and safety	http://www.azdhs.gov/lab/license/tech/info/cup/calibrationprotocol_0107.pdf	-	4/18/2013
	CIFOR	CIFOR Toolkit/website	http://cifor.us/toolkit.cfm		4/22/2013
	The Measurement of Mass and Weight	National Physical Laboratory, UK	http://resource.npl.co.uk/docs/science_technology/mass_force_pressure/clubs_groups/instmc_weighing_panel/massnweight.pdf		4/22/2013
	Errors in weighing when using a single-pan balance	Journal of Clinical Pathology	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC497688/?page=1		4/22/2013
	FDA ORA Laboratory Manual		http://www.fda.gov/ScienceResearch/FieldScience/LaboratoryManual/default.htm		4/25/2013
	The Basics of Corrective Action eBook	Paton Professional Publishing	http://www.patonprofessional.com/p-312-the-basics-of-corrective-action-ebook.aspx	\$9.99	4/26/2013
	Root Cause Analysis	Paton Professional Publishing	http://www.patonprofessional.com/p-21-root-cause-analysis.aspx	\$26.95	4/26/2013
	The Preventive Action Handbook	Paton Professional Publishing	http://www.patonprofessional.com/p-19-the-preventive-action-handbook.aspx	\$26.95	4/26/2013
	Document Control	Paton Professional Publishing	http://www.patonprofessional.com/p-22-document-control.aspx	\$26.95	4/26/2013

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	1-5 year 13-phase plan customized to Agriculture and Markets Food Testing, Health Laboratories to accreditation to ISO/IEC 17025:2005 .	Becker-Dale Consulting ¹ (see reference at the end of the table below)	www.beckerdaleconsulting.com		
	Learning Center	Artel (pipetting)	http://www.artel-usa.com/learning/default.aspx?id=3822		4/30/2013
	<u>Compendium of Methods Microbiological Examination of Foods</u>	APHA-eBook being updated in 2013	http://ajph.aphapublications.org/doi/book/10.2105/9780875531755	\$95/member or \$150 non-member	5/1/2013
	<u>Official Methods of Analysis</u>	AOAC International-online version or hard copy version	http://www.eoma.aoac.org/	with membership	5/1/2013
	<u>Laboratory Information Bulletins</u>	FDA Methods	http://www.fda.gov/ScienceResearch/FieldScience/ucm231463.htm		5/13/2013
	<u>Guidelines for the Validation of Chemical Methods for the FDA Foods Program</u>	FDA Chemistry Validation Guidelines, March 2012	http://www.fda.gov/downloads/ScienceResearch/FieldScience/UCM298730.pdf		5/13/2013

Type	Title	Reference Information	Website/Location	Cost	Date accessed
	<u>Guidelines for Validation of Analytical Methods for the Detection of Microbial Pathogens in Foods</u>	FDA Microbiology Validation Guidelines, Sept 2011	http://www.fda.gov/downloads/ScienceResearch/FieldScience/UCM273418.pdf		5/13/2013
	<u>FDA Bacteriological Analytical Manual Online (BAM)</u>	FDA Methods	http://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm2006949.htm		5/13/2013
	<u>USDA FSIS Microbiological Laboratory Guidebook</u>	USDA FSIS Methods	http://www.fsis.usda.gov/Science/Microbiological_Lab_Guidebook/index.asp		5/13/2013
	<u>FDA CFSAN Laboratory Quality Assurance Manual</u>	FDA Lab QA Manual	http://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm2006948.htm		5/13/2013
	<u>FDA Microanalytical Procedures Manual</u>	FDA Methods for filth	http://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm2006953.htm		5/13/2013
	<u>FDA Pesticide analytical Methods (PAM)</u>	FDA Pesticide Analytical methods	http://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm2006955.htm		5/13/2013
	<u>FDA ORA Laboratory Manual</u>	FDA Field Methods	http://www.fda.gov/ScienceResearch/FieldScience/LaboratoryManual/default.htm		5/13/2013

Type	Title	Reference Information	Website/Location	Cost	Date accessed
	<u>Health Canada Compendium of Analytical Methods</u>	Health Canada Food Testing Methods	http://www.hc-sc.gc.ca/fn-an/res-rech/analy-meth/microbio/index-eng.php		5/13/2013
	<u>ISO 17025:2005 Revisions Quality Manual Template</u>	AOAC International-CD-ROM format	http://www.aoac.org/pubshop/11520.htm	\$300.00	5/1/2013
	<u>ALACC-AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceuticals- An Aid to the Interpretation of ISO/IEC 17025:2005</u>	AOAC International- online version or hard copy version	https://my.aoac.org/source/Orders/index.cfm?section=Orders&task=1&CATEGORY=ACCRED&DESCRIPTION=Accreditation&CFTOKEN=49663089&continue=1&SEARCH_TYPE=find	\$150 hardcopy	5/1/2013
	<u>INTERNATIONAL Methods Committee Guidelines for Validation of Microbiological Methods for Food and Environmental Surfaces</u>	AOAC International- 2/24/12 version of Appendix X	http://www.aoac.org/vmeth/AOAC_Validation_Guidelines_for_Food_Microbiology-Prepub_version.pdf		5/1/2013

Training References as of December 18, 2013

Type	Title	Reference Information	Website/Location	Cost	Date accessed
	<u>AOAC Validation Guidelines</u>	AOAC International-on-line	http://www.aoac.org/vmeth/Validation_Guidelines.htm		5/1/2013
	<u>AOAC accreditation and sampling references</u>	AOAC International	http://www.aoac.org/accreditation/references.htm		5/23/2013
	<u>A Primer: Good Laboratory Practice and Currnt Good Manufacturing Practice</u>	Agilent Technologies 2000-2002	http://www.chem.agilent.com/Library/primers/Public/59886197.pdf		5/23/2013
	ISO 17025:2005 Laboratory Competence-Free ISO Requirements Guide	IMSM Inc. Colorado	http://local.imsi.com/colorado/iso-17025/?gclid=CMDd0Z_90bUCFe9aMgod7wEAHQ		4/29/2013

¹ Becker-Dale Consulting (BDC) has developed a 5 year 13 phase plan customized to prepare Agriculture and Markets Food Testing, Health laboratories for accreditation in accordance with the ISO/IEC 17025: 2005 International Standard. Our team has extensive experience training and preparing state agency forensic micro molecular biology laboratory systems and agriculture / health laboratories to operate in accordance with the ISO/IEC 17025: 2005 International Standard requirements. Our team of experienced laboratory managers and American Society of Quality certified auditors is perfectly suited to assist state Department of ISO/IEC 17025: 2005 Accreditation Preparation for Agriculture or Health laboratories for accreditation. Year 1 consists of an extensive training and gap analyses with assessment of specific tests performed by your laboratory. We then select for our team American Society of Quality (ASQ) certified auditor(s) to assess specific technical requirements (e.g. 5.4 Test Methods & 5.9 Assuring Quality of Test Results). Next, we provide your staff extensive training on how their daily work impacts the quality management system and services provided to the customer. Training consists of on-site interactive instruction, demonstrations and exercises delivered with adult learning concepts covering all criteria of the ISO/IEC 17025: 2005 International Standard enhanced with Ethics, Quality Control, Internal Auditing and How to Write Policies and Procedures. We then work with you as a team to write your policies and procedures for all ISO/IEC 17025: 2005 criteria. On-site instruction is blended with off-site assistance, and bi-monthly on-site visits to monitor progress. Year 1 develops the foundation of your quality management system. The main goal being the development of clearly written, understood and used policies and procedures in accordance with ISO/IEC 17025: 2005 International Standard requirements. Year 2 implements the quality management system with newly developed policies, procedures, followed by internal audit training, audits, remediation and corrective actions. BDC regularly schedules on site visits to monitor the implementation of the new policies and procedures. Year 3 and 4 continues operations and audits using the new quality management system followed by application to an external accrediting body for accreditation in year 5.

BDC's implementation plan delivers the foundation for your laboratory to operate in accordance with ISO/IEC 17025: 2005 International Standard, apply for accreditation and is scalable to accommodate additional disciplines and laboratories. Your laboratory ISO/IEC 17025: 2005 quality management system will also be integrated with all applicable local and federal guidance, policies, rules and regulations (e.g. Food Safety Modernization Act).

BDC can develop a customized preparation plan and timeline to meet your laboratory requirements. We look forward to discussing your unique requirements and how we may provide any assistance.

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