

Standards Services Seminar Series Presents

Seminar on ISO/DIS 17034 & ISO/IEC 17025 Revisions* Wednesday, October 21, 2015

Gaithersburg
Green Auditorium
3:00 - 4:00 pm

Boulder
Bldg 81, Rm A116
1:00 - 2:00 pm

AGENDA	
3:00 pm	Welcome Ms. Sally Bruce Quality Manager for NIST Measurement Services, Standards Coordination Office (SCO)
3:05 pm	Opening Remarks and Introduction Dr. James Olthoff Director, Physical Measurement Laboratory
3:10 pm	Proposed Changes to ISO/IEC 17025 ISO/IEC 17025 is now under review. Proposed changes to ISO/IEC 17025 will be highlighted. Mr. Warren Merkel Chief, Standards Services, SCO
3:25 pm	Proposed Changes to ISO Guide 34 ISO Guide 34 is currently being revised and re-issued as ISO 17034. This presentation will provide an overview of the proposed changes that may affect NIST. Dr. Robert Watters Associate Director for Measurement Services, Material Measurement Laboratory
3:40 pm	NIST Input to ISO/IEC NIST/SCO has a seat in the ANSI committee that represents the U.S. in the ISO committee. This presentation will briefly address how this process works and opportunities for NIST staff to provide comments into the process. Review of Timelines and Key Dates Ms. Lisa Carnahan Computer Scientist, Standards Services, SCO

Acronyms:

AB	Accreditation Body
ANSI	American National Standards Institute
APLAC	Asia Pacific Laboratory Accreditation Cooperation
BIPM	International Bureau of Weights and Measures
CASCO	ISO Council Committee on Conformity Assessment
CIPM	International Committee for Weights and Measures
COPOLCO	ISO's Committee on consumer policy
DEVCO	ISO Committee on developing country matters
DIS	Draft International Standard
EA	European co-operation for Accreditation
ICAC	ANSI's International Conformity Assessment Committee
IEC	International Electrotechnical Commission
ILAC	International Laboratory Accreditation Cooperation
ISO	International Organization for Standardization
JCRB	BIPM's Joint Committee of the Regional Metrology Organizations
NCSLI	NCSL International (formerly National Conference of Standards Laboratories)
NMI	National Measurement Institute
NVLAP	National Voluntary Laboratory Accreditation Program
REMCO	ISO's Committee on reference materials
RMO	Regional Metrology Organization
SCO	NIST's Standards Coordination Office
SDO	Standards Development Organization
TAG	Technical Advisory Group

*The NIST Quality System for Measurement Services is based on the ISO/IEC 17025 and ISO Guide 34 requirements. The scope of the NIST Quality System includes the delivery of Calibration Services and the development and certification of Standard Reference Materials.

ISO/DIS 17034 - General requirements for the competence of reference material producers

ISO 17034 outlines the general requirements for the production of reference materials, including certified reference materials. This standard is the successor of ISO Guide 34:2009 and brings it fully in line with the requirements of ISO/IEC 17025. Further guidance concerning e.g. the content of certificates, the design of characterization, homogeneity and stability studies is provided in ISO Guides 31 and 35. While the approaches outlined in these two Guides ensure that requirements laid down in ISO 17034 are met, there may be alternative ways to achieve compliance to ISO 17034. (DIS ISO 17034, Introduction)

ISO/IEC 17025 - General requirements for the competence of testing and calibration laboratories

ISO/IEC 17025:2005 specifies the general requirements for the competence to carry out tests and/or calibrations, including sampling. It covers testing and calibration performed using standard methods, non-standard methods, and laboratory-developed methods.

It is applicable to all organizations performing tests and/or calibrations. These include, for example, first-, second- and third-party laboratories, and laboratories where testing and/or calibration forms part of inspection and product certification. ISO/IEC 17025:2005 is for use by laboratories in developing their management system for quality, administrative and technical operations.