

كفاءة المختبرات

LABORATORIES PROFICIENCY

المؤتمر الخليجي الأول لكفاءة المختبرات
FIRST GCC CONFERENCE FOR LABORATORIES PROFICIENCY



A2LA Accreditation of Proficiency Testing Providers

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GCC Proficiency Testing Conference

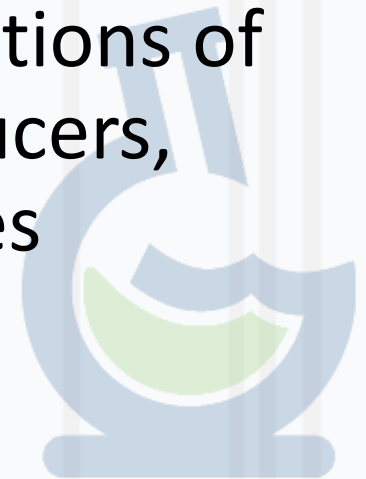
Dubai, UAE

March 13, 2013



A2LA Background

- Established as a non-profit membership society in 1978 to provide accreditation programs for all type of laboratories
- As of 1 March, 2013, 2,479 accreditations of laboratories, PT providers, RM producers, product certifiers & inspection bodies



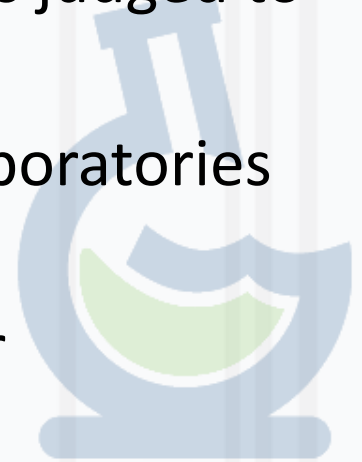
A2LA Background of Proficiency Testing Provider Accreditation Program

- In 1990's, PT providers were allowed to self declare compliance with ISO Guide 43
- A PT provider legitimately challenged a claim of Guide 43 compliance of one competitor
- A2LA Board decides to establish a PT accreditation program in 1999



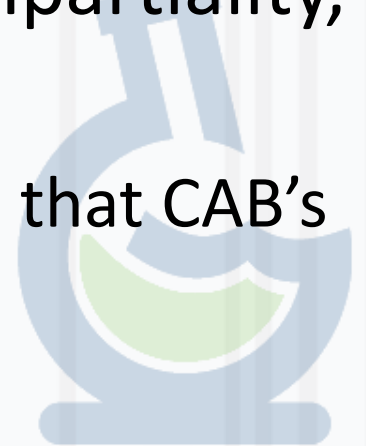
ISO 17011:2004 – Requirements for Accreditation Bodies

- 7.15 The accreditation body ...
 - 7.15.1 ...shall take into account the laboratory's performance in proficiency testing.
 - 7.15.2 may conduct proficiency testing itself... it shall maintain a list of proficiency testing bodies judged to be competent.
 - 7.15.3... shall ensure that its accredited laboratories participate in proficiency testing.
 - ...or other comparison programs...or other surveillance activities



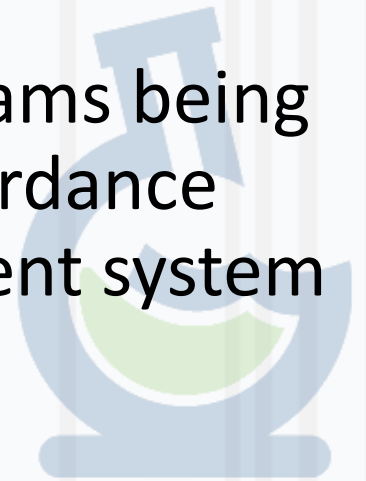
ISO 17011 – Requirements for Accreditation Bodies

- 4.3 Impartiality
- 4.3.6 The accreditation body shall not offer or provide any service that affects its impartiality, such as...
 - a) those conformity assessment activities that CAB's perform, or
 - b) consultancy



A2LA Accreditation Program for Proficiency Testing Providers

- Designed for PT providers who wish to demonstrate competence by formal compliance with a set of requirements for the planning and implementation of PT programs.
- Increases confidence that the PT programs being used are operated competently in accordance with specified technical and management system requirements.



Evolution of PTP Accreditation Requirements

- ISO Guide 43-1 and -2
- ILAC G13:2003 & 2007
- ISO/IEC 17043, Conformity Assessment – General Requirements for Proficiency Testing



PTP Accreditation Process

- 17043 and specific program requirements.
- Pre-assessment, prior document review
- On-site assessment using a team with expertise in:
 - technical field of testing or measurement
 - statistical methods for inter-laboratory comparisons
 - management systems



PT Accreditation Process

- Follow-up to findings
 - Document review
 - Revisit
- Accreditation decision
- Interim monitoring / surveillance
- Renewal assessment



Term of PT Accreditation

- 4 years (or 2 for some PT providers)
- 1st year surveillance visit
- Annual document review of all:
 - reports
 - internal audits, and
 - management reviews.



Current Status

- 23 A2LA-accredited PT providers
- Chemical/environmental analyses
- Biological properties
- Physical tests
- Electrical tests
- Calibration



Thank you for your Attention

Questions?????

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