



# ANSI-ASQ National Accreditation Board / ACLASS

2011 EMDQ Workshop • March 28 – April 1, 2011 •  
Arlington, VA

ANSI-ASQ National Accreditation Board

# Report Documentation Page

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- Laboratories – ISO/IEC 17025
  - Inspection Bodies – ISO/IEC 17020
  - RMPs – ISO Guide 34 (Reference Materials)
  - PT Providers – ISO 17043
  - Product Certifiers – ISO Guide 65
  - Government Programs: DoD ELAP, EPA Energy Star, CPSC Toy Safety, NRC, NIST IPV6, NLLAP, NEFAP
  - TRAINING Programs
- Certification Bodies – *ISO/IEC 17021*
  - *Accreditation for Management System Certification Bodies that certify to:*
    - *ISO 9001 (QMS),*
    - *ISO 14001 (EMS),*
    - *TS 16949 (US Automotive) etc.*



# Examples of U.S. Regulators Embracing Accredited 3<sup>rd</sup> Party

- ★ Department of Defense
- ★ Consumer Product Safety Commission
- ★ Department of Energy
- ★ Nuclear Regulatory Commission
- ★ Environmental Protection Agency
- ★ National Institute of Standards and Technology
- ★ Department of Justice
- ★ Federal Communications Commission
- ★ Food and Drug Administration
- ★ Department of Homeland Security
- ★ Federal Aviation Administration



# Location of ACLASS and ANAB Offices

- ACLASS → 500 Montgomery St.  
Suite 625  
Alexandria, VA 22314
- ANAB → 600 N. Plankinton Ave.  
Suite 300  
Milwaukee, WI 53203



# ACLASS Parents / Owners

- **ANSI** – American National Standards Institute  
(offices in “L” St. in Washington, D.C.  
and W. 43<sup>rd</sup> St. in New York City )
- **ASQ** – American Society for Quality  
(same address as ANAB) – ASQ bldg.



# ACCLASS Contact Persons

- Managerial – Keith Greenaway, V.P.
  - Roger Muse, Sales
- Technical – Geneva Bowman
  - Larry Jackson
  - Bill Hirt, PhD
- Admin / Scheduling – Erica Collins



# AClass DoD ELAP Accreditations

- Working closely with 25+ laboratories
- 19 DoD ELAP accreditations completed / 9 posted since last year's EMDQ
- Average findings per report ~ 40



# Common Deficiencies

- Break into 3 sections, based on the structure of the QSM 4.2 standard:
  - Management requirements (clause 4)
  - Technical requirements (clause 5)
  - Appendix sections



# Management Requirements

## – deficiency summary

- Most frequent elements:
    - 4.2 (quality system)
    - 4.3 (document control)
    - 4.12 (records)
  - Improvement in 4.1 (organization)
  - All remaining elements < 5%
- } > 5%



# Technical Requirements – deficiency summary

- Most frequent elements:
  - 5.4 (test methods)
  - 5.5 (equipment)
  - 5.9 (assuring results)
- Improvement in 5.8 (handling of samples)
- All remaining elements < 5%

} > 5%



# Appendix Section of QSM 4.1/4.2

## – deficiency summary

- Most frequent elements:
  - Appendix D (essential QC requirements)
  - Appendix E (SW-846 reporting requirements)
  - Appendix F (SW-846 QC requirements)
- Least frequent elements:
  - Appendix C and G < 1.5%



# Common Opportunities (OFI)

- Management Requirements
  - Section 4.2
  - Section 4.10 (Corrective Action)
- Technical Requirements
  - Section 5.4
  - Section 5.5
  - Section 5.9



# Complaints

- Confusion of available methods for DoD scope
- Confusion of DENIX upload timeframe
- Tracking and Maintenance of PT results



# Current Assessment Issues – 1

- PT Diligence by Accredited Labs
- Tracking PT – Excel
- Mobile Labs
  - Alaska Example
  - Mobile Trailers



# Current Assessment Issues – 2

- Labs misunderstanding of advance requirements & assessment requirements
  - Significant delays in document submissions
  - Lack of readiness with LOD/LOQ
- Inclusion of ISO 17025



# Proposed Changes to QSM 5.0

- Reduce Frequency of LOD/LOQ
- Reduce Duplication of Requirements
- Simplify Requirements wherever possible



# Common Trends

- Frequent Requests for Scope Expansions
- Laboratory Customers/Contractors Request for additional scope coverage



# Questions

