An Introduction

American National Standards Institute (ANSI)
American National Standards (ANS) Process

Presented by: Anne Caldas, February 27, 2013
The **American National Standards Institute** coordinates standards, conformity assessment, and related activities in the United States of America

- Founded in 1918, ANSI is a private, non-profit organization
- ANSI is not a government agency or a standards developer (SDO)
- ANSI is the US Member Body to ISO and through the USNC to the IEC

**ANSI’s mission** is to enhance the global competitiveness of U.S. business and the American quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems and ensuring their integrity.
- Represents U.S. globally
- Ensures integrity of the standards and conformity assessment system
- Accredits standards developers and conformity assessment organizations
- Approves standards as ANSI
- Offers neutral forum
- Coordinates partnerships between U.S. public and private sectors
  - Cross-sectoral issues
  - GAP analysis
  - Roadmaps...and more
American National Standards Process
ANSI’s Accreditation Roles

**Standards**
- ANSI Procedures for ANSI “Essential Requirements”
- ANSI International Procedures
- SDOs
- U.S. TAGs to ISO

**Conformity Assessment (ISO/IEC 17011)**
- ANSI Accredited Program
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- ANSI Accredited Program
- ANSI Accredited Program
- ANAB
- ACLASS
- ACLASS

**ISO/IEC Standards**
- ISO/IEC 17025
- ISO/IEC 17020
- ISO/IEC 17021
- ISO/IEC 17024
- ISO/IEC 14065
- ISO/IEC 17065
- ANSI/ASTM E2659-09

**Certificate Issuers**
- Certificate Issuers
- Product Certifiers
- Greenhouse Gas Verifiers
- Personnel Certifiers
- Management System Certifiers
- Laboratories
- Inspection Bodies
American National Standards (ANS)

- 226 ANSI-accredited standards developers (ASD)
  - ANSI Accreditation as a standards developer relates to procedures
  - Only ASDs may submit standards for approval as ANS
  - Not all standards developed by ASDs are submitted for consideration as ANS - this is the ASD’s choice
  - All ANS processes (only) are subject to ANSI’s neutral oversight including a routine audit of ANS and an annual compliance review of accredited procedures
  - Over 10,000 ANS in broad range of sectors

- Learn more: www.ansi.org/ansvalue
ANSI Essential Requirements

- ANSI Essential Requirements: Due process requirements for American National Standards (www.ansi.org/essentialrequirements)
  - Procedures that govern the American National Standards process:
    - Accreditation of standards developers
    - Approval and maintenance of standards as American National Standards (ANS)
    - Core due process requirements: openness, balance, lack of dominance, consensus vote, coordination, notification of standards development, written procedures and appeals

- Significant flexibility in models of ANS consensus development exists - one size does not fit all
  - Meeting types (if any), size of consensus group; duration of ballots; levels of review; voting requirements; comment submittal; appeals procedures
ANS Cardinal Principles

Due Process

Consensus

Openness

Balance
Introduction to ANSI and the American National Standards Process

ANS Development Cycle Overview

1. **PINS Announcement; PINS Deliberation**
2. **Public Review (BSR-8); Consensus vote**
3. **Consideration of Views & Objections; Recirculation; Complete SDO Appeals**
4. **ANSI Appeals; Publication; & Maintenance**
5. **Approval**
6. **Review of Due Process Requirements by BSR**

Procedural Compliance?
What is the benefit of an ANS?

- The ANS process encourages broad stakeholder engagement, which results in better acceptance and use of a standard.

- Consensus building may take time but serves and protects the public interest since a standards developer accredited by ANSI must meet the Institute’s requirements for openness, balance, consensus and other due process safeguards.
  - ANS = Voluntary Consensus Standard as defined in OMB A119.
  - ANS are subject to ANSI’s neutral oversight including:
    - Regular procedural audits
    - Annual Compliance Certification
    - Public notice requirements - ANSI Standards Action [www.ansi.org/standardsaction](http://www.ansi.org/standardsaction)
    - Review by - and the right to appeal to - ANSI Program Oversight Committees.
Online Resources

- ANSI Online:  [www.ansi.org](http://www.ansi.org)
- ANS Key Steps:  [www.ansi.org/anskeysteps](http://www.ansi.org/anskeysteps)
- ANSI Essential Requirements:  [www.ansi.org/essentialrequirements](http://www.ansi.org/essentialrequirements)
- ANSI Accreditation Programs:  [www.ansi.org/accreditation](http://www.ansi.org/accreditation)
- Public Review — ANSI Standards Action:  [www.ansi.org/standardsaction](http://www.ansi.org/standardsaction)
- ANS Value:  [www.ansi.org/ansvalue](http://www.ansi.org/ansvalue)
- ANSI-Accredited Standards Developers:  [www.ansi.org/asd](http://www.ansi.org/asd)
- ANSI Standards Action:  [www.ansi.org/standardsaction](http://www.ansi.org/standardsaction)
- Free training:  [www.standardslearn.org](http://www.standardslearn.org)
- Questions:  [psa@ansi.org](mailto:psa@ansi.org)
- Follow us on Twitter:  [www.twitter.com/ANSI_PSA](http://www.twitter.com/ANSI_PSA)
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