American National Standards (ANS) Process: Re-accreditation process & Audit Program

- The webinar will start at 2pm Eastern
- All participants are muted for the duration of the webinar
- Slides will be distributed to all
- Please use the Q&A option to submit a question - “All Panelists”
- This session will be recorded and the recording may be available at a later date
Let’s get started...

• On behalf of ANSI, thanks very much for joining us today – we hope that you and yours are safe and well
• A huge thank you to those of you who are already involved in standards...you literally make the world a better place
• Goal for the next 60-120 minutes:
  • Review the “Re-accreditation process”
  • Review the Audit Program
  • Discuss good practices
  • Answer your questions
Just a reminder...
ANS-Related ANSI Staff - psa@ansi.org

• Fran Schrotter, ANSI Sr VP & COO - NY
• Patty Griffin, ANSI Sr VP & General Counsel – NY
• Procedures & Standards Administration - NY
  • Anne Caldas – NY – 212-642-4914, acaldas@ansi.org
  • Heather Benko – NY – 4912, hbenko@ansi.org
  • Elizabeth Gonzalez – NY – 8912, egonzalez@ansi.org
  • Ally Kupferberg – NY – 4978, akupferberg@ansi.org
  • Jay Moskowitz – NY – 8925, jmoskowitz@ansi.org
  • Jim Thompson – NY – 4913, jthompso@ansi.org
  • Mary Weldon – NY – 4908, mweldon@ansi.org
• psa@ansi.org = our common email box
ANSI Essential Requirements: Due process requirements for American National Standards
www.ansi.org/essentialrequirements

and

ANSI Auditing Policy & Procedures
Let’s get started with the substance…

first “Re-accreditation”
then the “ASD Audit Program”
ASD Re-accreditation Process

Jim Thompson
Director, ASD & U.S. TAG to ISO Accreditation Programs
jthompso@ansi.org
212-642-4913
Background

• ANSI Executive Standards Council (ExSC)
  • Accrediting body for Standards Developers
  • Current: 239 ANSI-Accredited Standards Developers

• Section 4.1 Accreditation of American National Standards Developers of the ANSI Essential Requirements
  • Application and criteria for accreditation
  • Scope
  • Maintenance of accreditation
    • Reaccreditation – today’s first focus
  • Withdrawal of accreditation
ASD Mark Available For Use
Accreditation by ANSI as a Developer of American National Standards (ANS)

• To be accredited by ANSI, a developer’s procedures and practices for standards development shall meet the due process and consensus criteria established in the ANSI Essential Requirements.
  ✓ www.ansi.org/essentialrequirements

• Accreditation is a pre-condition for submitting a standard for consideration for approval as an American National Standard.

• Accreditation is a dynamic status and requires ongoing compliance and regular demonstrations of compliance.
Maintaining Accreditation

• Maintain compliance with the *ANSI Essential Requirements*

• Submit annual ASD Compliance Forms as issued by PSA ([psa@ansi.org](mailto:psa@ansi.org)) in January of each year

• Undergo Re-accreditation, as warranted:
  ✓ Submit revised procedures in strikethrough-underline format for approval whenever changes are made
Maintaining Accreditation

• Submit to regular Audits of a sample of ANS; or if “0” ANS, then a routine re-accreditation is required

• Annual payment of ANSI Membership or Maintenance of Accreditation Dues + a National Activity Assessment (NAA) based on the number of American National Standards maintained, e.g. $2,825 for 0-3 ANS; $6,115 for 4-54 ANS; etc. (2021)
Maintaining Accreditation

• ANSI-Accredited Standards Developers are required to make procedures available to any party, upon request.
  • When procedures are revised, they must be available upon request as well
  • Recommend these procedures be posted on your organization’s website and easily found
Revised Procedures = Need for Re-accreditation

• Just like ANS require review, update and maintenance actions, so do ANSI-Accredited Procedures

• Whenever any revision is made to a standards developer’s procedures on record at ANSI, the ExSC shall be notified and provided with a detailed description of the changes.
  • If the changes are considered by the ExSC to be non-substantive, the standards developer will be notified and, upon such notification, may begin to operate under the revised procedures.
  • If the changes are considered by the ExSC to be substantive, notice of these changes shall appear in Standards Action with a call for comment.
to appeal. ANSI will not normally hear an appeal of an action or inaction by a standards developer relative to the development of an American National Standard until the appeals procedures provided by the standards developer, which must be implemented promptly and with decisions made expeditiously, have been completed. However, conclusion of the appeals process at the standards developer, is not a precondition for filing an appeal with the Executive Standards Council (ExSC) of an organization’s continuing accreditation status.

Claims of procedural non-compliance raised during the course of an active standards development process are to be addressed in accordance with the standards developer’s appeals process which shall conclude before final submittal of evidence of consensus is made to ANSI in support of the approval of a standard as an American National Standard.

Except in the case of an Audited Designator, an appeal of the approval of a standard as an American National Standard is to be filed in accordance with the Operating Procedures of the ANSI Board of Standards Review (BSR). Complaints concerning ANSI Audited Designators, including the approval of a standard as an American National Standard, are governed by the Operating Procedures of the ANSI Executive Standards Council (ExSC).

Appeals of actions shall be made within reasonable time limits specified in applicable procedures; appeals of inactions may be made at any time. Such appeals shall be directed to ANSI in accordance with the procedures of the appropriate ANSI Committee board or council board or council (e.g., Board of Standards Review, Executive Standards Council).
Maintaining Accreditation: Use of revised procedures

If the ASD decides to implement revised procedures prior to the final approval of the ExSC, they may do so provided that

✓ records concerning the implementation are maintained and available for use by the ANSI Audit Program; and

✓ the developer certifies that the changes are in compliance with the ANSI Essential Requirements; and

✓ the developer accepts responsibility for all actions taken with regard to a candidate American National Standard, including resubmittal, if the ExSC does not approve a particular procedural provision.
Re-accreditation Process — General

ASD submits revised procedures in strike-through-underline format with an explanation

Public Review in Standards Action & Response to Comments by ASD

Review of Revisions, Responses to comments by ANSI ExSC; Additional comments possible

Re-accreditation Approval (Appeal to the ExSC then Appeals Board possible)
Processing of Re-accreditations

• For most substantive revisions, full re-accreditation process, i.e., public review and ballot to the ExSC’s Sub-committee on Accreditation (SC-A) is required

• Limited revisions that appear to be in compliance with ANSI’s accreditation requirements may be balloted to ExSC’s Sub-committee on Accreditation for approval (SC-A may decide whether or not additional public review is necessary)
Processing of Re-accreditations: When public review is not required

- Revisions that are made at the direction of the ExSC (e.g. in response to audit recommendations, etc.) and those made expressly to bring the procedures in compliance with the current version of the ANSI ER (or excerpt text from the ANSI ER) may be administratively approved by staff on behalf of the ExSC.
  - Without public review in Standards Action
Revisions to Scope of Accreditation

During the accreditation process:

• “The applicant shall submit its scope for informational purposes only…”

• “If, during the course of the accreditation process, the developer makes a change to their originally submitted scope or to their originally submitted operating procedures, an additional announcement shall be published in Standards Action…”

Once an ASD is accredited, any change of scope should be forwarded to psa@ansi.org for publication of an informational announcement in Standards Action.
ANSI ExSC Summary Matrix: What is required in an ASD’s procedures

• Guidance document: 7067 Matrix

• Reviews every section of the ANSI Essential Requirements
  ✓ Clarifies whether explicit text to reflect each section is required to be part of a developer’s accredited procedures

• Even if your procedures are silent on an issue, your organization is bound by the requirements of the ANSI Essential Requirements
Re-accreditation - Common Comments on Revised ASD Procedures

1. Update of references to “most current version of the ANSI Essential Requirements”

2. Clarification of balance requirements (ER 1.3)

3. Inadequate definition of interest categories (ER 2.3)
Re-accreditation - Common Comments on Revised Operating Procedures

4. Voting membership on the consensus body may not be conditional upon membership in any organization (ER 2.1)

5. Recommend inclusion of text describing how comments resulting from the filing of PINS (Project Initiation Notification System) will be addressed (ER 2.5 and subsections)
Re-accreditation - Common Comments on Revised ASD Procedures

6. Recirculation of unresolved objections, attempts at resolution and substantive changes from vote of consensus body and public review (ER 2.6)

7. Explicit statement of numerical requirements for consensus missing or unclear (ER 2.7)

8. If an ANS-related vote may be taken at meeting, consensus body members who are unable to attend must be given opportunity to vote before or after meeting (ER 2.7)
Re-accreditation - Common Comments on Revised Operating Procedures

9. Appeals policy should address actions and inactions, and allow for fair and impartial hearing of appeals by ASD (ER 2.8)

10. Missing or incomplete administrative policies, e.g. patent (ER 3.1); commercial terms & conditions (ER 3.2); antitrust (ER 3.3); records retention (ER 3.4); metric (ER 3.5); interpretations (ER 3.6)
Re-accreditation - Additional Policy Considerations

• If an ASD is interested in the allowing these procedural options, corresponding text describing how each will be implemented is to be incorporated into its accredited procedures:
  • Discontinuance of a Standards Project (ER 4.2.1.3.3)
  • Expedited procedures for the National Adoption of ISO/IEC Standards as ANS (ER 4.6/ANSI National Adoption Procedures – www.ansi.org/nationaladoption )
  • Stabilized Maintenance of an ANS (ER 4.7.3 and 3.3.3)
  • Registration of Technical Reports with ANSI (ANSI TR Procedures)
Re-accreditation Requirement for ASDs with 0 ANS

• If an accredited standards developer does not maintain one or more approved American National Standards:
  • then the developer shall submit their accredited procedures for review and approval by the ExSC on a five-year cycle as well as a justification as to why they have not submitted any standards to ANSI for approval and why their accreditation remains relevant.
  • the ExSC may suspend or withdraw the accreditation if the justification is not provided or is otherwise unsatisfactory.
Questions?
ANSI Standards Developer Audit Program

Governing Documents:

ANSI Essential Requirements

ANSI Auditing Policy & Procedures

Jay Moskowitz

Director, ANSI Standards Developer Audit Program

jmoskowitz@ansi.org

212-642-8925
25 YEARS DOWN
FOREVER TO GO
ANS Developer Audit Program

• ANSI has conducted a total of 883 audits.
  • Regular audits: 790
  • Special audits: 93

• The vast majority of audits are closed once any required procedural updates are submitted and approved.

• Approximately 10% of standards developers have had their accreditation suspended as a result of their audit
ASD Audit Program Purpose

• The Audit Program is intended to:
  • strengthen the voluntary consensus standards system
  • confirm adherence to the developer’s, and ANSI’s procedures
  • increase the credibility and the effectiveness of the process
  • assist developers in improving their process and detecting potential problems
Frequency of Regular Audits

• All ASDs are required to be audited, at minimum, once every five years in accordance with the Auditing Policy and Procedures.
  ✓ This cycle may be extended at the discretion of the ExSC.
  ✓ ASDs who do not sponsor any approved ANS are subject to a mandatory reaccreditation of their procedures on a 5-year cycle
  ✓ Newly accredited developers are subject to an audit of the first standard submitted to ANSI for approval
Scheduling of Regular Audits

• Developers are notified 12-18 months in advance of the audit

• The Audit Director works with developers to establish a convenient time for the audit

• The Audit Director helps the developer prepare for the audit, including the completion of Annex B (Self-audit) of the *Auditing Policy and Procedures*

  ➢ *See later slide*
Scope of Regular Audit

• 5%-10% of the American National Standards approved since the last audit
  • Maximum of forty (40);
  • Minimum of five (5), or
  • All, if the developer has fewer than five (5)

• Developers with few standards are eligible for a mail-in, instead of an on-site, audit
  • Determined at the discretion of the Audit Director
Audit Program Implementation

• Sample of ANS that are audited:
  • American National Standards (ANS) – not other standards sponsored by ASDs
  • Most recently approved ANS are given priority
  • ANS with objections and appeals
  • ANS developed under different consensus bodies within one standards developer
  • ANS sampled based on range of products or services addressed
  • Other criteria, e.g., joint standards, patent issues, continuous maintenance, stabilized maintenance
    • Technical Reports Registered with ANSI (not ANS, but governed by ANSI procedures), Provisional ANS

• Goal is to have broadest possible snapshot of the implementation of the ANS standards development procedures
  • Focus is on compliance with ANSI’s essential requirements for consensus, including an ASD’s accredited procedures
Audit Program Implementation (Electronic)

- Electronic records are deemed equivalent to hard copy records and are audited accordingly
- Some examples of ways electronic records are provided to the auditor:
  - Thumb drive;
  - Ftp site;
  - Dropbox;
  - SharePoint (including ANSI’s secure Sharepoint option)
  - Etc.

✔ 2021 due to COVID-19, all Audits are electronic
Audit Program Implementation

• Two documents are posted on ANSI online to help developers prepare for audits:
  • ANSI Standards Developer Audit: Required Documentation
  • ANSI Audit Guidance and Checklist for Electronic Records

• ASDs are required to provide all documentation related to the standards selected for audit per section 3.4 of the ANSI Essential Requirements
3.4 Evidence of compliance

• ANSI-Accredited Standards Developers shall retain records to demonstrate compliance with all aspects of these and the developer’s accredited procedures. Such records shall be available for audit as directed by the ANSI Executive Standards Council (ExSC).

➢ Periodic Maintenance
➢ Continuous Maintenance
➢ Stabilized Maintenance
ANSI-Accredited Standards Developer Audit: Required Documentation

In connection with an ANSI Audit, ANSI-Accredited Standards Developers are required to make available to Auditors the documentation listed below. Questions: psa@ansi.org.

Please note that developers need to be able to provide to the ANSI auditor any additional documentation not listed below to demonstrate compliance with any and all requirements contained in their procedures, regardless of whether those requirements are in the ANSI Essential Requirements.

Procedures Make this one folder

1. Most recently ANSI-accredited procedures and, if different, procedures used to develop standards that will be audited
2. Copies of any required policies that are not on file at ANSI (Records Retention Policy, Appeals Policy, Interpretation Policy, Metric Policy, Patent Policy, Policy, Commercial Terms and Conditions Policy, and Antitrust Policy)

For Each Audited Standard Make a folder for each standard. In each standard folder, include:

PINS/Project Initiation subfolder
3. Documentation authorizing the initiation of the project
4. PINS #
The Audit

- The Audit process consists of the following:
  - Pre-audit conference
  - Audit (on-site or mail-in or electronic)
  - Post-audit conference and review of the audit results
  - Issuance of the audit report
  - Response of the developer to the audit report
  - Action by the ExSC on the audit report
  - Right of Developer to appeal ExSC actions
ANSI-ACCREDITED STANDARDS DEVELOPER AUDIT PROCESS, SUMMARY FLOW

**AUDIT PROCESS**
- Preparation: Schedule audit and collect data
- Conduct audit either on site with informal post-audit briefing or by mailing in
- Post audit call to review draft audit results with ASD
- Disseminate audit letter, audit report, attachments, etc. to ASD
- Audit response provided to audit director

**REVIEW PROCESS**
- Audit report and audit response are reviewed by Audit Subcommittee
- Audit discussed at ExSC
- Accreditation suspended or withdrawn, or ASD disagrees with audit outcome
- Appeal to ANSI ExSC
- Audit remains open pending reaccreditation
- Special audit
- ExSC requires developer to take corrective action
- ASD complies with ExSC requirements and accreditation is reinstated
- Appeal to ANSI Appeals Board

Audit closed

For questions, please contact Jay Moskowitz at: jmoskowitz@ansi.org or psa@ansi.org.
Transmittal Letter (Accompanies Audit Report)

- Provides suggestions for ways in which the developer may be able to improve their process
  - Suggestions are not binding on the standards developer, but most find them useful to consider or incorporate in SOP (standard operating procedures)

- Opportunity for developer to identify members of the ExSC who have a conflict of interest
The Audit Report

• The audit report consists of the following sections:
  • Introduction
  • Background
  • Scope of Audit
  • Audit Objectives
  • Conduct of the Audit
  • Summary of the Examination of Records and Documents
  • Development of Audit Findings, Recommendations and Comments
    • Findings and Recommendations
    • Auditor’s Notes
    • Previous audit findings (if applicable) and auditor’s observations as to whether those findings have been addressed and if any previous findings are repeat findings
What if non-compliances are identified?

• If the developer is found to be not in compliance with the ANSI Essential Requirements in one or more areas, such information will be contained in the audit report

• The developer will have an opportunity to respond to allegations of non-compliance
  ✓ During the course of the audit, an ASD may be given an opportunity to take corrective actions

• The ExSC will determine what action, if any, shall be taken as a result of non-compliance
Consequences of Non-Compliance

• Potential Actions Taken by the ExSC
  • Close the audit
  • Keep the audit open until specific corrective actions taken by the developer, e.g., submittal and approval of revised procedures, other required actions
  • Require a special audit (paid for by the developer)
  • Suspend accreditation
  • Withdraw accreditation
  • Remand an ANS to the ANSI BSR for review with the audit report, to determine whether the approval shall stand or be withdrawn (*Withdrawal for cause*)
Right to Appeal

• Process, findings or outcome of the Audit may be appealed first to the ANSI ExSC and then finally to the ANSI Appeals Board
Sample Serious Audit Findings

• ASD did not report unresolved objections along with attempts at resolution and/or substantive changes to the consensus body members in order to provide them with an opportunity to respond, revise or reaffirm their vote.

• ASD did not ensure that all substantive changes underwent additional public review.

• ASD did not notify unresolved objectors in writing of their right to appeal.

• PINs (Project Initiation Notification) forms were not submitted in a timely manner.

• Overage ANS and Discrepancies in ASD’s records vs. ANSI records of standards approved as ANS.

• Entire ANS not open for full review and comment during the five (5) year review period.
Sample Serious Audit Findings

• Not providing a proper written disposition with reasons therefor

• Not considering and responding to comments promptly (e.g.- responding many months or longer after a comment is submitted)

• Using a comment resolution vote as a vote to approve the standard or a recirculation opportunity.

• Not conducting targeted outreach for underrepresented interest categories

• Limiting solicitation of consensus body members to members of the ASD
Characteristics of a Positive Audit

✓ All necessary evidence of compliance with ANSI’s requirements and the developer’s accredited procedures is available and organized

✓ Implementation of the developer’s procedures/requirements is efficient and effective

✓ Audit findings are minimal and for the most part considered not serious. In addition, there are few or no repeat findings from the previous audit
Characteristics of a Well-prepared Auditee

✓ Records are available, well organized and related documents are clearly labeled/identified for the auditor

✓ Established deadlines are met including timely responses to questions and requests for information by the auditor

✓ Staff are familiar with their ANSI-accredited procedures and available during the audit
Characteristics of a Well Prepared Auditee

✓ Staff are prepared: they have reviewed the previous audit and findings and provide evidence that such findings have been addressed

✓ All internal guidelines and SOPs are well documented and consistent with ANSI’s procedural requirements and their own accredited procedures

✓ Developer has already performed a self-audit based on Annex B of the Audit Procedures – a number of developers are proactive in response to issues that they identify via this mechanism and are accordingly commended in the Audit for taking corrective actions
**Recommendation: Use the Audit Report as a Tool**

- Refer to the most recent audit report between audits and ensure that the audit findings have been corrected and are not repeated.
  - Why does this matter?

- Implement all suggestions from the most recent audit that are practical to help achieve efficiencies.

- Conduct Self Audits using Annex B of the *ANSI Auditing Policy and Procedures* and be proactive in addressing any deficiencies identified.
1.1.1.1 If yes, is there documentation verifying this transmission? Yes ___ No ___

1.1.1.2 If no, what is the explanation?

1.1.2 If your procedures have not been revised, what is the explanation?

1.2 Are the current procedures transmitted to new participants, as well as to officers of the consensus body? Yes ___ No ___

1.2.1 If so, what is the explanation?

1.3 Are the procedures readily available to any interested person? Yes ___ No ___

1.3.1 If so, what is the explanation?

1.4 Are the names, affiliations and interest categories of the consensus body members available to interested parties upon request? Yes ___ No ___

1.4.1 If so, what is the explanation?

1.5 Are the interest categories discretely defined? Yes ___ No ___

1.5.1 If so, what is the explanation?

1.5.2 Are the interest categories and definitions available upon request? Yes ___ No ___

1.5.3 If they are not available upon request, what is the explanation?

1.6 Do your procedures state specifically how consensus will be determined? Yes ___ No ___

1.6.1 If so, please state the numerical requirements required to achieve consensus.

1.7 Does your organization intend to utilize the expeditious procedures for the national adoption of an ISO or IEC standard as an ANSI? Yes ___ No ___

1.7.1 If yes, has a provision or notification to this effect been included in your organization's accredited procedures? See ANSI Procedures for the National Adoption of ISO and IEC Standards as American National Standards.

Source: paas@ansi.org

January 2000
Questions?

Then, a quick look at ANSI’s website
THE AMERICAN NATIONAL STANDARDS INSTITUTE OVERSEES STANDARDS AND CONFORMITY ASSESSMENT ACTIVITIES IN THE UNITED STATES.

ANSI's mission is to enhance both the global competitiveness of U.S. business and the U.S. quality of life, by promoting and facilitating voluntary consensus standards.
Enhanced ANSI Website (www.ansi.org)

✓ ANS - Background:
https://www.ansi.org/american-national-standards/ans-introduction/overview#introduction

✓ ASD – Developer focused:
https://www.ansi.org/american-national-standards/info-for-standards-developers/standards-developers

✓ General Public - participation:
https://www.ansi.org/american-national-standards/info-for-the-general-public/general-public

✓ Standards Action page with resources
https://www.ansi.org/resource-center/standards-action
Where can I find ANS information?

**www.ansi.org/asd**

1. List of ANSI-Accredited Standards Developers (ASD) with a scope and contact
2. List of **proposed** ANS (point-in-time)
3. List of **approved** ANS (point-in-time)

**www.ansi.org/StandardsAction**

- ANSI’s free public notice vehicle for ANS
- Published weekly on Friday afternoon
- Includes proposed ANS and open public comment opportunities
Upcoming ANS-Related Webinars

All sessions begin at 2pm Eastern – on Thursdays and last 60-90 minutes:

• **April 8:** Procedural Appeals – ASD and ANSI Appeals Processes
  • Register in advance for this April 8th webinar:
    https://goansi.webex.com/goansi/onstage/g.php?MTID=ebfb3a8d8f5300f7c312460d4dac8a38d

• **April 15:** National Adoption of ISO, IEC & ISO/IEC JTC1 documents as American National Standards
  • Register in advance for this April 15th webinar:
    https://goansi.webex.com/goansi/onstage/g.php?MTID=e04643e4fd839a791e42781f9af906c44

• **April 22:** Open Q&A about the ANS Process, Tips & Techniques
  • Register in advance for this April 22nd webinar:
    https://goansi.webex.com/goansi/onstage/g.php?MTID=e7e3d18c94a51c6b8d743cee0ce98e1a0
Thanks for joining us today and stay well...

✓ Resource slides follow

✓ Exit survey - 2 quick questions, please complete them:
  ❖ Was this webinar useful?
  ❖ How can we improve it?

Hope we’ll all be able to celebrate World Standards Week 2021: October 25 - 29, 2021
Standards are critical during this COVID-19 pandemic

• ANSI updates this page to alert you to standards activity relevant to the pandemic (https://www.ansi.org/COVID-19/)

• ANSI COVID-19 Resource Webpage
  • Links to many standards developers that have special information about their relevant standards work and published standards
    • e.g., PPE standard: ANSI/ISEA Z87.1-2010 American National Standard for Occupational and Educational Personal Eye and Face Protection
  • Link to the ANSI portal, Freely Available ISO and IEC Standards to Help Address COVID-19 Crisis
    • now includes 36 international standards covering medical equipment and devices – including ventilators and respiratory equipment; protective clothing used in health care settings; and business continuity management, security, and resilience.
Helpful Resources...

- ANSI COVID-19 webpage with links to related ASD and ANSI initiatives: https://www.ansi.org/COVID-19/
- ANS Forms: https://www.ansi.org/portal/psawebforms/
- ANSI Essential Requirements: www.ansi.org/essentialrequirements
- List of approved ANS and proposed ANS: www.ansi.org/asd
- List of ANSI-Accredited Standards Developers: www.ansi.org/asd
- ANSI Standards Action (weekly information about proposed and approved ANS): www.ansi.org/standardsaction
- Summary of ANS process steps: www.ansi.org/anskeysteps
- ANS Value Brochure: www.ansi.org/ansvalue
- Standards Boost Business: www.standardsboostbusiness.org
- Staff are available via psa@ansi.org
- ANSI online training: www.standardslearn.org
American National Standards Institute

Procedures and Standards Administration
psa@ansi.org

Headquarters
1899 L Street, NW
11th Floor
Washington, DC 20036
T: 202.293.8020
F: 202.293.9287

New York Office
25 West 43rd Street
4th Floor
New York, NY 10036
T: 212.642.4900
F: 212.398.0023

www.ansi.org
www.Webstore.ansi.org
www.nssn.org