ANSI STANDARDS ACTION

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American National Standards

Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. **Order from the organization indicated for the specific proposal.**
2. **Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.**
3. **Include remittance with all orders.**
4. **BSR proposals will not be available after the deadline of call for comment.**

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: December 18, 2016

ISA (ASC Z133) (International Society of Arboriculture)

Revision

BSR Z133-201x, Standard for Arboricultural Operations - Safety Requirements (revision of ANSI Z133-2012)

This standard contains arboriculture safety requirements for pruning, repairing, maintaining, and removing trees and for using equipment in such operations.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Tricia Duzan, (217) 355 -9411, tduzan@isa-arbor.com

NSF (NSF International)

Revision

BSR/NSF 50-201x (i121r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 50-201x (i122r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: lpanoff@nsf.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60745-2-13-201x, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-13: Particular Requirements for Chain Saws (national adoption of IEC 60745-2-13 with modifications and revision of ANSI/UL 60745-2-13-2015)

(1) Deletion of Clause 1DV, 2DV and revision to Clause 8.1DV to remove the reference to CSA Z62.1 and Class 2C chain saws.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664 -3198, Elizabeth.Northcott@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 153-201X, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2015)

The following changes in requirements to the Standard for Portable Electric Luminaires, UL 153, are being proposed: (1) Add requirements for instant-start ballast and lampholder compatibility; (2) Add requirements for use of split SPT-2 cords.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1004-1-201x, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 11-18-16) (revision of ANSI/UL 1004 -1-2016)

This recirculation proposal provides revisions to the UL 1004-1 proposal dated 8-26-16.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jonette Herman, (919) 549 -1479, Jonette.A.Herman@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1063-201X, Standard for Safety for Machine-Tool Wires and Cables (Proposal dated 11/18/16) (revision of ANSI/UL 1063-2012)

Addition of requirements to allow the measured DC resistance values to be adjusted based on the construction of the cable.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319 -4297, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1581-201X, Standard for Safety for Reference Standard for Electrical Wires, Cables, and Flexible Cords (Proposal dated 11/18/16) (revision of ANSI/UL 1581-2016)

Correction to metric conversion of ohms per 1000 feet for 25 AWG conductors at 20 degrees C in Table 30.4.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319 -4297, Linda.L.Phinney@ul.com

Comment Deadline: January 2, 2017

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI BE83-2006 (R201x), Biological evaluation of medical devices - Part 18: Chemical characterization of materials (reaffirmation of ANSI/AAMI BE83-2006 (R2011))

This part of ISO 10993 describes a framework for the identification of a material and the identification and quantification of its chemical constituents. The chemical characterization information generated can be used for a range of important applications.

Single copy price: $112.00

Obtain an electronic copy from: abenedict@aami.org

Order from: www.aami.org

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST40-2004 (R201x), Table-top dry heat (heated air) sterilization and sterility assurance in health care facilities (reaffirmation of ANSI/AAMI ST40-2004 (R2010))

This recommended practice provides guidelines for decontamination and dry heat sterilization procedures used in dentists' and physicians' offices, laboratories, ambulatory care clinics, and other health care facilities. These guidelines are intended to promote the assurance of sterility by identifying the special considerations that apply to this method of sterilization and by providing recommendations on the proper use of table-top dry-heat sterilization processing equipment. This recommended practice also covers facility design considerations, personnel considerations, work practices, and other variables that affect sterility assurance.

Single copy price: $185.00

Obtain an electronic copy from: abenedict@aami.org

Order from: www.aami.org

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST50-2004 (R201x), Dry heat (heated air) sterilizers (reaffirmation of ANSI/AAMI ST50-2004 (R2010))

This standard applies to dry-heat (heated-air) sterilizers that are intended for use in dental and medical offices, laboratories, ambulatory-care clinics, hospitals, and other health care facilities.

Single copy price: $140.00

Obtain an electronic copy from: abenedict@aami.org

Order from: www.aami.org

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST67-2011 (R201x), Sterilization of health care products - Requirements and guidance for selecting a sterility assurance level (SAL) for products labeled ‘sterile' (reaffirmation of ANSI/AAMI ST67-2011)

This standard specifies requirements and provides guidance for selecting an appropriate SAL for a terminally sterilized health care product that is labeled 'sterile.’ The requirements and guidance provided in this standard also apply to the selection of an appropriate SAL for a terminally sterilized health care product that is labeled 'Sterile Fluid Path.’

Single copy price: $112.00

Obtain an electronic copy from: abenedict@aami.org

Order from: www.aami.org

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AIAA (American Institute of Aeronautics and Astronautics)

New Standard

BSR/AIAA S-080A-201x, Space Systems - Metallic Pressure Vessels, Pressurized Structures, and Pressure Components (new standard)

Establishes baseline requirements for the design, analysis, manufacturing, test, and operation of metallic pressurized hardware used for aerospace systems such as spacecraft and launch vehicles.

Single copy price: $59.95

Obtain an electronic copy from: hillaryw@aiaa.org

Order from: Hillary Woehrle, (703) 264-7546, hillaryw@aiaa.org

Send comments (with copy to psa@ansi.org) to: Same

AIAA (American Institute of Aeronautics and Astronautics)

New Standard

BSR/AIAA S-081B-201x, Space Systems - Composite Overwrapped Pressure Vessels (new standard)

Establishes baseline requirements for the design, analysis, manufacturing, test, and operation of a composite overwrapped pressure vessel (COPV) used for aerospace systems such as spacecraft and launch vehicles.

Single copy price: $59.95

Obtain an electronic copy from: hillaryw@aiaa.org

Order from: Hillary Woehrle, (703) 264-7546, hillaryw@aiaa.org

Send comments (with copy to psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASAE S318.18 MONYEAR-201x, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.17-2009)

This Standard is a guide to provide a reasonable degree of personal safety for operators and other persons during the normal operation and servicing of agricultural field equipment. This Standard does not apply to skid steer loaders, permanently installed grain dryers, and agricultural equipment covered by other safety standards, such as but not limited to permanently installed farmstead equipment, portable grain augers, and storage structures, except where specifically referenced by other standards.

Single copy price: $58.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to psa@ansi.org) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.100-151-2010 (R201x), Check Correction Strips (reaffirmation of ANSI X9.100-151-2010)

This standard covers the design and the functional characteristics of the strip extension as affixed to a check. These strips provide a new MICR clear band area used to modify or correct the MICR line of items for forward collection, returns, rejects, or other banking interchange systems.

Single copy price: $60.00

Order from: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

Send comments (with copy to psa@ansi.org) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.100-161-2010 (R201x), Creating MICR Document Specification Forms (reaffirmation of ANSI X9.100-161-2010)

This standard specifies the contents for MICR Document Specification Forms. It may be used to create specifications for the design and manufacture of checks and deposit tickets, as well as other financial institution MICR documents. The standard is sufficiently flexible to meet the needs of a variety of financial institutions. The standard is not the specification form itself.

Single copy price: $60.00

Order from: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

Send comments (with copy to psa@ansi.org) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.100-170-2010 (R201x), Check Fraud Deterrent Icon (reaffirmation of ANSI X9.100-170-2010)

This standard establishes the design and usage requirements of a check fraud deterrent icon (CFDI) for visually communicating the presence of security features on a check. The standard specifies minimal overt security features that meet the requirements for deterring both counterfeiting and alteration that printers are to use prior to printing a check fraud deterrent icon onto a check. This standard also establishes the requirements for use of a check fraud deterrent icon, the location on the check for the icon, and the location of and requirements for the associated warning box and verbiage.

Single copy price: $60.00

Order from: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

Send comments (with copy to psa@ansi.org) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.100-182-2011 (R201x), Bulk Image and Data Delivery (standard, XSD Schema, and TR 40) (reaffirmation of ANSI X9.100-182-2011)

Organizations receiving images from multiple sources generally are not equipped to recognize all the images received because vendors use diverse image compression and image file formats. This media-based image exchange format will standardize the export and import of image data regardless of what type of hardware/software was used to capture, store or export the images. Software standardized to a media-based image exchange format will allow image data to be usable across vendor platforms thus reducing expense, duplication of effort and assist with archiving and retrieval processes. In addition, the media-based image exchange format allows a common index structure for such exchanges, thus benefitting a diverse community of users.

Single copy price: $160.00

Order from: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

Send comments (with copy to psa@ansi.org) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.100-183-2010 (R201x), Electronic Check Adjustments (reaffirmation of ANSI X9.100-183-2010)

The purpose of this standard is to provide the financial industry with a format to perform the electronic exchange of check adjustments. The format supports adjustment requests, adjustment notices, and other adjustments related messages.

Single copy price: $60.00

Order from: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

Send comments (with copy to psa@ansi.org) to: Same

ASSE (ASC Z10) (American Society of Safety Engineers)

Reaffirmation

BSR/ASSE Z10-2012 (R201X), Occupational Health and Safety Management Systems (reaffirmation and redesignation of ANSI/AIHA Z10 -2012)

This standard defines the minimum requirements for an occupational health and safety management system. This is a reaffirmation of the existing standard but the designation will change from AIHA to ASSE

Single copy price: $100.00

Obtain an electronic copy from: TFisher@ASSE.org

Order from: Timothy Fisher, (847) 768-3411, TFisher@ASSE.org

Send comments (with copy to psa@ansi.org) to: Same

AWPA (ASC O5) (American Wood Protection Association)

Revision

BSR O5.4-201x, Naturally Durable Hardwood Poles - Specifications and Dimensions (revision of ANSI O5.4-2009)

This Standard provides minimum specifications for the quality and dimensions of naturally durable hardwood poles without preservative treatment to be used in single-pole utility structures. The poles described are considered as simple cantilever members subject to transverse loads only. Fiber strength values, provided as a basis for determining pole class sizes, apply only to poles that meet or exceed the minimum quality specifications. These fiber strength values may be used to estimate average groundline moment capacity of the poles listed therein.

Single copy price: Free

Obtain an electronic copy from: http://www.awpa.com/contact/index.asp

Order from: Colin McCown, (205) 733-4077, mccown@awpa.com

Send comments (with copy to psa@ansi.org) to: Same

AWS (American Welding Society)

Revision

BSR/AWS D1.6/D1.6M-201x, Structural Welding Code - Stainless Steel (revision and redesignation of ANSI/AWS D1.6-2007)

This code covers the requirements for welding stainless steel structural assemblies.

Single copy price: $124.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero, (305) 443-9353, sborrero@aws.org

Send comments (with copy to psa@ansi.org) to: adavis@aws.org

AWWA (American Water Works Association)

Revision

BSR/AWWA G440-201x, Emergency Preparedness Practices (revision of ANSI/AWWA G440-2011)

This standard covers the minimum requirements to establish and maintain an acceptable level of emergency preparedness based on the identified and perceived risks facing utilities within the water sector.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: Same

CTA (Consumer Technology Association)

New Standard

BSR/CTA 2051-201x, Personal Sound Amplification Performance Criteria (new standard)

This standard describes the minimum acceptable performance levels of products that serve as personal sound amplifiers.

Single copy price: $72.00

Obtain an electronic copy from: standards@cta.tech

Order from: standards@cta.tech

Send comments (with copy to psa@ansi.org) to: Same

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-13E-2011 (R201x), Mating and Unmating Force Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-13E-2011)

This standard establishes a method to determine the forces required to mate and unmate electrical connectors or protective caps with connectors, connectors/sockets with gages or devices. Unless otherwise specified in the referencing document, method A shall be used.

Single copy price: $78.00

Obtain an electronic copy from: https://global.ihs.com/

Order from: https://global.ihs.com/

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-17C-2011 (R201x), Temperature Life with or without Electrical Load Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-17C-2011)

This standard establishes a test method to determine the ability of an electrical connector and sockets to withstand elevated temperatures with or without electrical loading.

Single copy price: $78.00

Obtain an electronic copy from: https://global.ihs.com/

Order from: https://global.ihs.com/

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-27C-2011 (R201x), Mechanical Shock (Specified Pulse) Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-27C-2011)

This test procedure establishes a test method to assess the ability of electrical components to withstand specified severities of mechanical shock.

Single copy price: $84.00

Obtain an electronic copy from: https://global.ihs.com/

Order from: https://global.ihs.com/

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-28F-2011 (R201x), Vibration Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-28F-2011)

The standard test procedure details a method to assess the ability of electrical connector components to withstand specified severities of vibration.

Single copy price: $92.00

Obtain an electronic copy from: https://global.ihs.com/

Order from: https://global.ihs.com/

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-56E-2011 (R201x), Resistance to Soldering Heat Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-56E-2011)

This standard establishes a test method for determining if connectors or sockets can withstand exposure to soldering conditions either by soldering iron, solder dip, solder wave, or reflow soldering techniques.

Single copy price: $84.00

Obtain an electronic copy from: https://global.ihs.com/

Order from: https://global.ihs.com/

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-1005-2011 (R201x), Environmental Test Methodology for Determining the Susceptibility of Contacts to Fretting Corrosion (reaffirmation of ANSI/EIA 364-1005-2011)

This standard describes recommended test sequences to determine the susceptibility of contacts to fretting corrosion that is a major and significant failure mechanism that can be caused by vibration and thermal cycling.

Single copy price: $98.00

Obtain an electronic copy from: https://global.ihs.com/

Order from: https://global.ihs.com/

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ESTA (Entertainment Services and Technology Association)

New Standard

BSR/E1.56-201x, Rigging Support Points Design, Fabrication, Installation, and Testing (new standard)

This standard is to provide guidance for the design, fabrication, installation, and testing of permanent and temporary rigging points and rigging lugs and their connection to existing building and venue structures.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

Send comments (with copy to psa@ansi.org) to: standards@esta.org

ESTA (Entertainment Services and Technology Association)

Reaffirmation

BSR E1.24-2012 (R201x), Entertainment Technology - Dimensional Requirements for Stage Pin Connectors (reaffirmation of ANSI E1.24-2012)

This configuration standard covers the dimensional requirements and mechanical requirements related to intermateability for a series of split-pin and sleeve wiring devices known as Pin Connectors or Stage Pin Connectors that are used predominately in the theatre, television, and motion picture industries in North America. This is not a safety standard.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

Send comments (with copy to psa@ansi.org) to: standards@esta.org

ESTA (Entertainment Services and Technology Association)

Reaffirmation

BSR E1.26-2006 (R201x), Entertainment Technology - Recommended Testing Methods and Values for Shock Absorption of Floors Used in Live Performance Venues (reaffirmation of ANSI E1.26-2006 (R2012))

This document sets out the energy absorption requirements for floors in venues used for live performances, and the methods for testing them. This document is to be used in conjunction with all applicable local building codes and requirements.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

Send comments (with copy to psa@ansi.org) to: standards@esta.org

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Revision

BSR/ASSE 1001-201x, Performance Requirements for Atmospheric Type Vacuum Breakers (revision of ANSI/ASSE 1001-2008)

This standard applies to atmospheric type vacuum breakers that are single pipe-applied, flushometer-applied, or integrally-applied (does not apply to water closet tank ball cocks or similar devices that depend on float-operated valves to control flow). The purpose of these devices is to provide protection of the potable water supply against pollutants or contaminants that enter the system due to back-siphonage through the outlet.

Single copy price: Free

Obtain an electronic copy from: conrad.jahrling@asse-plumbing.org

Order from: Conrad Jahrling, (708) 995-3017, conrad.jahrling@asse-plumbing.org

Send comments (with copy to psa@ansi.org) to: Same (When emailing, please have "PR1001" in the subject line.)

ICC (International Code Council)

New Standard

BSR/ICC 805-201x, Standard for Rainwater Collection System Design and Installation (new standard)

This standard applies to the design, installation, and maintenance of rainwater collection systems intended to collect, store, treat, distribute and utilize rainwater for potable and nonpotable applications. This standard is intended to apply to new rainwater collection installations as well as alterations, additions, maintenance and repair to existing installations. Includes systems designed for residential, commercial, industrial, and agricultural applications.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/codes-tech-support/codes/code-development-process/is-rcsdi/

Order from: Edward Wirtschoreck, (888) 422-7233, ewirtschoreck@iccsafe.org

Send comments (with copy to psa@ansi.org) to: Paul Gulletson, P. Eng Project Manager, Built Environment CSA Group 178 Rexdale Boulevard Toronto, ON M9W 1R3

IIAR (International Institute of Ammonia Refrigeration)

Revision

BSR/IIAR 1-201x, Definitions and Terminology Used in IIAR Standards (revision of ANSI/IIAR 1-2012)

This Standard provides a unified set of definitions for use in the IIAR Standards. A set of common definitions is provided to prevent confusion for those that use IIAR Standards. This Standard is a companion to ANSI/IIAR Standards.

Single copy price: $40.00, or free until review period is over

Obtain an electronic copy from: tony_lundell@iiar.org

Order from: Tony Lundell, (703) 312-4200, tony_lundell@iiar.org

Send comments (with copy to psa@ansi.org) to: Same

IIAR (International Institute of Ammonia Refrigeration)

Revision

BSR/IIAR 3-201x, Ammonia Refrigeration Valves (revision of ANSI/IIAR 3 -2012)

This purpose of this standard is to specify performance criteria for valves and strainers used in closed-circuit ammonia refrigeration systems.

Single copy price: $40.00, or free until review period is over

Obtain an electronic copy from: tony_lundell@iiar.org

Order from: Tony Lundell, (703) 312-4200, tony_lundell@iiar.org

Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

BSR ICEA S-122-744-201x, Standard for Optical Fiber Outside Plant Microduct Cables (new standard)

This Standard covers performance requirements for microduct optical fiber outside plant cables intended for installation in microducts, typically by blowing in using commercially available equipment intended for this application. Products covered by this Standard are intended only for operation under conditions normally found in outside plant communication systems. Typically, these products are installed in protected ducts but may be also run for short distances in both exposed areas and in concealed areas (such as handholes), with or without external protection. Due to the thinner jacket usually associated with microduct cables, they typically do not have the jacket durability to be pulled into conduit for long distances even at or below the rated tensile strength. Additionally, the impact resistance, compression resistance and tensile strength requirements for cables covered by this Standard may be significantly lower than those for conventional outside plant cables covered by ICEA-640. Therefore, installation of cables covered by this Standard by techniques such as capstan pulling, aerial lashing, trenching, and direct burial is not recommended.

Single copy price: $176.00

Order from: Kevin.Connelly@nema.org

Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C82) (National Electrical Manufacturers Association)

Revision

BSR C82.11-201X, Lamp Ballasts: High Frequency Fluorescent Lamp Ballasts (revision of ANSI C82.11-2011)

This standard is intended to cover high frequency ballasts which have rated open-circuit voltages of 2000 volts or less, operate the lamp at frequencies between 10 kHz and 500 kHz, and are intended to operate at a supply frequency of 50 Hz or 60 Hz. This comprises ballasts for hot-cathode fluorescent lamps, either switch-start (preheat-start), rapid-start (continuously heated cathodes), modified rapid start, programmed start, or instant start used primarily for lighting purposes. The ballast and lamp combinations covered by this specification are normally intended for use in room ambient temperatures of 10°C to 40°C. At ambient temperatures outside this range, certain special operating characteristics may be required.

Single copy price: $395.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: michael.erbesfeld@nema.org

Send comments (with copy to psa@ansi.org) to: Same

RESNET (Residential Energy Services Network, Inc.)

Revision

BSR/RESNET/ICC 380-2016 Addendum A-201x, Attics & Crawlspaces (revision of ANSI/RESNET/ICC 380-2016)

Revise Standard ANSI/RESNET/ICC 380-2016 to clarify the treatment of attics and crawlspaces in testing and calculations and to provide other clarifications essential to the implementation of the Standard. This is the first public review draft, PDS-01, of the proposed amendment, BSR/RESNET/ICC 380-2016 Addendum A-201x. Comments will be accepted on the substantive changes indicated by strike/underline in the proposed amendment.

Single copy price: $55.00

Obtain an electronic copy from: Electronic copy can be downloaded from the RESNET website at http://www.resnet.us/professional/standards/consensus

Order from: Rick Dixon, Standards Manager, RESNET, P.O. Box 4561, Oceanside, CA 92052

Send comments (with copy to psa@ansi.org) to: Comments are submitted via RESNET's online comment form. See the links from webpage: http: //www.resnet.us/professional/standards/consensus

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 165-2-201x, IPCablecom 1.5 Part 2: Audio/Video Codecs (revision of ANSI/SCTE 165-2-2009)

This document addresses interfaces between IPCablecom client devices for audio and video communication. Specifically, it identifies the audio and video codecs necessary to provide the highest quality and the most resource-efficient service delivery to the customer. This document also specifies the performance required in client devices to support future IPCablecom codecs. Additionally, this document describes a suggested methodology for optimal network support for codecs.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global. ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 165-3-201x, IPCablecom 1.5 Part 3: Network-Based Call Signaling Protocol (revision of ANSI/SCTE 165-3-2009)

This document is considered part of the IPCablecom standard. The document is based on MGCP 1.0 [1], which is an IETF Informational RFC.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global. ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 165-12-201x, IPCablecom 1.5 Part 12: PSTN Gateway Call Signaling Protocol (revision of ANSI/SCTE 165-12-2009)

This document is part of the IPCablecom suite of specifications. The document is based on MGCP 1.0 [1], an IETF Informational RFC.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 165-16-201x, IPCablecom 1.5 Part 16: Management Event Mechanism (revision of ANSI/SCTE 165-16-2009)

This standard is one of two documents that together define a framework for reporting Management Events in the IPCablecom architecture. This document defines the general event reporting mechanism and framework. The mechanism consists of a set of protocols and interfaces that can be used by individual elements and components in the IPCablecom architecture. This document defines how the SNMPv3 transport protocol, SYSLOG, local log, and the IPCablecom Management Event MIB are used to carry management event information to an event management system.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 165-18-201x, IPCablecom 1.5 Part 18: CMS to CMS Signaling (revision of ANSI/SCTE 165-18-2009)

This specification describes the IPCablecom Call Management Server (CMS) to CMS Signaling protocol intended for use by a CMS to communicate with another CMS in order to support packet-based voice and other real-time multimedia applications.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 165-21-201x, IPCablecom 1.5 Part 21: Signaling Extension MIB (revision of ANSI/SCTE 165-21-2009)

New objects that are being introduced beyond IPCablecom 1.0 for Signaling MIBS are being grouped in this document so that the additional changes made can be tracked easily.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SPI (The Society of the Plastics Industry, Inc.)

Revision

BSR/SPI B151.1-201x, Safety Requirements for Plastics Injection Molding Machines (revision of ANSI/SPI B151.1-2007 (R2013))

The requirements of this standard apply to Horizontal and Vertical Clamp Injection Molding Machines (HCIMMs and VCIMMs) that process plastic materials and inject said material into a mold(s) held closed by the acting clamp.

Single copy price: $89.00

Obtain an electronic copy from: dfelinski@b11standards.org

Order from: David Felinski, (832) 446-6999, DFelinski@plasticsindustry.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

New Standard

BSR/TIA 4957.500-201x, Smart Utility Network - Security (new standard)

To define key management and other security protocols necessary to fully implement Layer 2 security for Smart Utility Networks.

Single copy price: $112.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 631-B-2011 (R201x), Telecommunications - Telephone Terminal Equipment - Radio Frequency Immunity Requirements (reaffirmation of ANSI/TIA 631-B-2011)

Revise existing standard to clarify Scope of base document is limited to telephones with handsets but to also add an informative annex suggesting how the test methods and requirements in the standard may be extended to other telephony products such as speakerphones, answering systems, and telephones with headsets.

Single copy price: $103.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 1057-2006 (R201x), Telecommunications - IP Telephony Infrastructure - Link Layer Discovery Protocol for Media Endpoint Devices (reaffirmation of ANSI/TIA 1057-2006 (R2011))

This Standard defines a set of organizationally specific IEEE 802.1AB TLV extensions and a related MIB module, for the purpose of improved deployment properties and multi-vendor interoperability between VoIP endpoint devices and IEEE 802 networking infrastructure elements. Where required for correct multi-vendor interoperation, specific constraints on IEEE 802.1AB protocol behavior, application-level interaction with the protocol elements, as well as constraints on existing IEEE 802.1AB TLVs and related MIB module, are also defined.

Single copy price: $235.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 1194-R1-2011 (R201x), Telecommunications - User Premises Equipment - Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines (reaffirmation of ANSI/TIA 1194-R1-2011)

Surge resistibility of smart grid equipment connected to either DC or 120/240 V single-phase AC and metallic communication lines.

Single copy price: $88.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 4957.000-A-201x, Overview and Architecture for a Field Area Network (revision and redesignation of ANSI/TIA 4957.000-2010)

Revise to add new operational modes for Smart Grid, smart metering, and related applications.

Single copy price: $99.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 4957.100-A-201x, Layer 1 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.100-2013)

Revise to add new operational modes for Smart Grid, smart metering, and related applications.

Single copy price: $73.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 4957.200-A-201x, Layer 2 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.200-2013)

Revise ANSI/TIA 4957.200 to achieve the following objectives: (1) Add security mechanisms, considering the ETSI approach; (2) Harmonize with IEEE 802.15 MAC, where appropriate; (3) Resolve errata found from recent experience in implementing the specification in SUN devices.

Single copy price: $200.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 4957.300-A-201x, Layer 3 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.300-2013)

Revise to add new operational modes for Smart Grid, smart metering, and related applications.

Single copy price: $93.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 4957.400-A-201x, Layer 4 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.400-2013)

Revise to add new operational modes for Smart Grid, smart metering, and related applications.

Single copy price: $64.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61010-2-011-201x, Standard for Safety Requirements for Measurement, Control, and Laboratory Use - Part 2-011: Particular Requirements for Refrigerating Equipment (identical national adoption of IEC 61010-2-011)

Adoption of IEC 61010-2-011, Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2 -011: Particular Requirements for Refrigerating Equipment, (first edition, issued by IEC July 2016) as a new IEC-based UL standard, UL 61010-2-011 with no US Differences.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549 -1851, Vickie.T.Hinton@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 563-201X, Standard for Ice Makers (revision of ANSI/UL 563-2013)

Proposal to add a reference to UL 60335-1 based requirements for the evaluation of electronic circuits.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664 -3038, alan.t.mcgrath@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1990-201X, Standard for Ssfety for Nonmetallic Underground Conduit with Conductors (Proposal dated 11/18/16) (revision of ANSI/UL 1990-2011 (R2016))

(1) Revised title for Section 13; (2) Add a test temperature requirement into Clause 13.2; (3) Revised Table 13.1.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549 -1053, Joshua.Johnson@ul.com

Comment Deadline: January 17, 2017

ANS (American Nuclear Society)

Revision

BSR/ANS 19.11-201x, Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Pressurized Water Reactors (revision of ANSI/ANS 19.11-1997 (R2011))

This standard provides guidance and specifies criteria for determining the MTC in water-moderated power reactors. Measurement of the isothermal temperature coefficient of reactivity (ITC) at hot zero power (HZP) conditions is covered in ANSI/ANS 19.6.1-2005, Reload Startup Physics Tests for Pressurized Water Reactors. This standard therefore addresses the calculation of the ITC at HZP and the calculation and measurement of the MTC at power. At present, this standard addresses the calculation and measurement of the MTC only in PWRs, because that is the only type of power reactor currently sited in the United States for which measurement of the MTC is required.

Single copy price: $95.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

Send comments (with copy to psa@ansi.org) to: pschroeder@ans.org

ITI (INCITS) (InterNational Committee for Information Technology Standards)

New National Adoption

BSR/INCITS/ISO 19160-1:2015, Addressing - Part 1: Conceptual model (identical national adoption of ISO 19160-1:2015)

Defines a conceptual model for address information (address model), together with the terms and definitions that describe the concepts in the model. Lifecycle, metadata, and address aliases are included in the conceptual model. The model is presented in the Unified Modeling Language (UML). The model provides a common representation of address information, independent of actual addressing implementations. It is not intended to replace conceptual models proposed in other specifications, but provides a means to cross-map between different conceptual models for address information and enables the conversion of address information between specifications.

Single copy price: $120.00

Obtain an electronic copy from: http://webstore.ansi.org

Order from: http://webstore.ansi.org

Send comments (with copy to psa@ansi.org) to: comments@standards. incits.org

ITI (INCITS) (InterNational Committee for Information Technology Standards)

New National Adoption

BSR/INCITS/ISO/IEC 17823:2015, Colour terminology for office colour equipment (identical national adoption of ISO/IEC 17823:2015)

Provides definitions for color terms used with office equipment, in particular for use with color scanning and printing devices that have digital imaging capabilities, including multi-function devices. This standard is not intended to replace terms and definitions published in documents or user interfaces issued or created by manufacturers.

Single copy price: $62.00

Obtain an electronic copy from: http://webstore.ansi.org/

Order from: http://webstore.ansi.org/

Send comments (with copy to psa@ansi.org) to: comments@standards. incits.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 464-201x, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 464-2016)

Document dated 11-18-2016 proposes the following revisions and clarifications for UL 464: (a) Outdoor use enclosure requirements; (b) Abnormal Operation and Burnout Tests; and (c) Mechanical Strength Tests for Enclosures in addition to corrections to the existing standard.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319 -4269, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1480-201x, Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1480-2016)

Document dated 11-18-2016 proposes the following revisions and clarifications for UL 1480: (a) Scope; (b) Abnormal Operation and Burnout Tests; and (c) Mechanical Strength Tests for Enclosures in addition to corrections to the existing standard.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319 -4269, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1638-201x, Standard for Safety for Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1638-2016)

Document dated 11-18-2016 proposes the following revisions and clarifications for UL 1638: (a) Clarifications to add visual signal pulse width marking; (b) Revise Abnormal Operation and Burnout Test; and (c) Mechanical Strength Tests for Enclosures, in addition to corrections to the existing standard.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319 -4269, Paul.E.Lloret@ul.com

Technical Reports Registered with ANSI

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Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

ASC X9 (Accredited Standards Committee X9, Incorporated)

X9 TR-40-2010 (R2016), Bridging ANSI X9.100-187 to ANSI X9.100-182-2 -1: Transferring Data from an Image Cash Letter File to an XML Check Delivery Document (TECHNICAL REPORT) (technical report)

The Technical Report provides some background material and a relevant synopsis of the ANSI X9.100-182 standard. It explains the structure principle behind the mapping approach. And finally, it provides field-by-field data content mapping from the image cash letter file records to the respective XML element layers.

Single copy price: Free

Order from: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

Send comments (with copy to psa@ansi.org) to: Same

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/IEC 60601-2-24-201x, Medical electrical equipment - Part 2-24: Particular requirements for basic safety and essential performance of infusion pumps and controllers (identical national adoption of IEC 60601-2 -24 (in development))

Inquiries may be directed to Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

ASA (ASC S12) (Acoustical Society of America)

BSR ASA S12.9-201X/Part 6, Quantities and Procedures for Description and Measurement of Environmental Sound - Part 6: Methods for Estimation of Awakenings Associated with Outdoor Noise Events Heard in Homes (revision of ANSI ASA S12.9-2008/Part 6)

ICC (International Code Council)

BSR/ICC 1000-201x, Application of the Commissioning Process (new standard)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

CAP (College of American Pathologists)

ANSI/CAP SNOMED-1-2003, Healthcare Terminology Structure

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Suite 301
Arlington, VA 22203

Contact: *Amanda Benedict*

Phone: (703) 253-8284

Fax: (703) 276-0793

E-mail: abenedict@aami.org

BSR/AAMI ST67-201x, Sterilization of health care products - Requirements and guidance for selecting a sterility assurance level (SAL) for products labeled 'sterile' (revision of ANSI/AAMI ST67-2011)

BSR/AAMI ST91-2015 (R201x), Flexible and semi-rigid endoscope processing in health care facilities (revision of ANSI/AAMI ST91-2015)

BSR/AAMI/ISO 5910-201x, Cardiovascular implants and extracorporeal systems - Cardiac valve repair devices (identical national adoption of ISO/DIS 5910)

AIAA (American Institute of Aeronautics and Astronautics)

Office: 12700 Sunrise Valley Drive, Suite 200
Reston, VA 20191-5807

Contact: *Hillary Woehrle*

Phone: (703) 264-7546

E-mail: hillaryw@aiaa.org

BSR/AIAA S-081B-201x, Space Systems - Composite Overwrapped Pressure Vessels (new standard)

BSR/AIAA S080A-201x, Space Systems - Metallic Pressure Vessels, Pressurized Structures, and Pressure Components (new standard)

ASSE (ASC Z10) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z10-2012 (R201X), Occupational Health and Safety Management Systems (reaffirmation and redesignation of ANSI/AIHA Z10-2012)

AWPA (ASC O5) (American Wood Protection Association)

Office: P.O. Box 361784
Birmingham, AL 35236-1784

Contact: *Colin McCown*

Phone: (205) 733-4077

Fax: (205) 733-4075

E-mail: mccown@awpa.com

BSR O5.4-201x, Naturally Durable Hardwood Poles - Specifications and Dimensions (revision of ANSI O5.4-2009)

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Phone: (800) 443-9353

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS D17.3/D17.3M-201x, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2016)

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 200-B-201x, Circular Waveguides (new standard)

BSR/EIA 296-G-201x, Lead Taping of Components in Axial Lead Configuration for Automatic Handling (revision and redesignation of ANSI/EIA 296-F-2015)

BSR/EIA 364-10G-201x, Fluid Immersion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-10F-2014)

BSR/EIA 364-57A-201x, Coupling Pin Strength Test Procedure for Circular Bayonet Electrical Connectors (revision and redesignation of ANSI/EIA 364-57-2011)

BSR/EIA 364-13E-2011 (R201x), Mating and Unmating Force Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-13E-2011)

BSR/EIA 364-17C-2011 (R201x), Temperature Life with or without Electrical Load Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-17C-2011)

BSR/EIA 364-27C-2011 (R201x), Mechanical Shock (Specified Pulse) Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-27C-2011)

BSR/EIA 364-28F-2011 (R201x), Vibration Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-28F-2011)

BSR/EIA 364-56E-2011 (R201x), Resistance to Soldering Heat Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-56E-2011)

BSR/EIA 364-1005-2011 (R201x), Environmental Test Methodology for Determining the Susceptibility of Contacts to Fretting Corrosion (reaffirmation of ANSI/EIA 364-1005-2011)

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709
Contact: *Eliana Brazda*
Phone: (919) 990-9228
Fax: (919) 549-8288
E-mail: ebrazda@isa.org

BSR/ISA 96.03.04-201x, Guidelines for the Specification of Linear Piston Pneumatic Actuators (new standard)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Office: 1101 K Street, NW
Suite 610
Washington, DC 20005-3922
Contact: *Barbara Bennett*
Phone: (202) 626-5743
Fax: (202) 638-4922
E-mail: comments@itic.org

BSR/INCITS/ISO 19160-1:2015, Addressing - Part 1: Conceptual model (identical national adoption of ISO 19160-1:2015)

BSR/INCITS/ISO/IEC 17823:2015, Colour terminology for office colour equipment (identical national adoption of ISO/IEC 17823:2015)

INCITS 522-2014/AM 1-201x, Information technology - ATA/ATAPI Command Set - 3 (ACS-3) - Amendment 1 (supplement to INCITS 522-2014)

INCITS/ISO/IEC 18180:2014, Information technology - Specification for the Extensible Configuration Checklist Description Format (XCCDF) Version 1.2 (identical national adoption of ISO/IEC 18180:2014)

INCITS/ISO/IEC 19464:2014, Information technology - Advanced Message Queuing Protocol (AMQP) v1.0 specification (identical national adoption of ISO/IEC 19464:2014)

INCITS/ISO/IEC 19510:2013, Information technology - Object Management Group - Business Process Model and Notation (identical national adoption of ISO/IEC 19510:2013)

INCITS/ISO/IEC 19678:2015, Information Technology - BIOS Protection Guidelines (identical national adoption of ISO/IEC 19678:2015)

INCITS/ISO/IEC 19831:2015, Cloud Infrastructure Management Interface (CIMI) Model and RESTful HTTP-based Protocol - An Interface for Managing Cloud Infrastructure (identical national adoption of ISO/IEC 19831:2015)

INCITS/ISO/IEC 20919:2016, Information technology - Linear Tape File System (LTFS) Format Specification (identical national adoption of ISO/IEC 20919:2016)

NEBB (National Environmental Balancing Bureau)

Office: 8575 Grovemont Circle
Gaithersburg, MD 20877
Contact: *Bohdan Fedyk*
Phone: (301)977-3968
Fax: (301)977-9589
E-mail: don@nebb.org

BSR/NEBB S130-201x, Cleanroom Performance Testing (new standard)

BSR/NEBB S140-201x, Standards for Compounding Pharmacy Certification (new standard)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Contact: *Lauren Panoff*
Phone: (734) 769-5197
E-mail: lpanoff@nsf.org

BSR/NSF 50-201x (i121r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

BSR/NSF 50-201x (i122r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Contact: *Teesha Jenkins*
Phone: (703) 907-7706
Fax: (703) 907-7727
E-mail: standards@tiaonline.org

BSR/TIA 631-B-2011 (R201x), Telecommunications - Telephone Terminal Equipment - Radio Frequency Immunity Requirements (reaffirmation of ANSI/TIA 631-B-2011)

BSR/TIA 1057-2006 (R201x), Telecommunications - IP Telephony Infrastructure - Link Layer Discovery Protocol for Media Endpoint Devices (reaffirmation of ANSI/TIA 1057-2006 (R2011))

BSR/TIA 1194-R1-2011 (R201x), Telecommunications - User Premises Equipment - Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines (reaffirmation of ANSI/TIA 1194-R1-2011)

BSR/TIA 4957.000-A-201x, Overview and Architecture for a Field Area Network (revision and redesignation of ANSI/TIA 4957.000-2010)

BSR/TIA 4957.100-A-201x, Layer 1 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.100 -2013)

BSR/TIA 4957.200-A-201x, Layer 2 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.200 -2013)

BSR/TIA 4957.300-A-201x, Layer 3 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.300-2013)

BSR/TIA 4957.400-A-201x, Layer 4 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.400-2013)

BSR/TIA 4957.500-201x, Smart Utility Network - Security (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: *Paul Lloret*

Phone: (510) 319-4269

E-mail: Paul.E.Lloret@ul.com

BSR/UL 464-201x, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 464-2016)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 15674-2016, Cardiovascular implants and artificial organs - Hardshell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags (identical national adoption of ISO 15674 and revision of ANSI/AAMI/ISO 15674-2009 (R2014)): 11/7/2016

ANSI/AAMI/ISO 15675-2016, Cardiovascular implants and artificial organs - Cardiopulmonary bypass systems - Arterial blood line filters (identical national adoption of ISO 15675 and revision of ANSI/AAMI/ISO 15675-2009 (R2014)): 11/7/2016

ANSI/AAMI/ISO 18241-2016, Cardiovascular implants and extracorporeal systems - Cardiopulmonary bypass systems - Venous bubble traps (identical national adoption of ISO 18241): 11/7/2016

ANSI/AAMI/ISO 18242-2016, Cardiovascular implants and extracorporeal systems - Centrifugal blood pumps (identical national adoption of ISO 18242): 11/7/2016

New Standard

ANSI/AAMI/ISO 15676-2016, Cardiovascular implants and artificial organs - Requirements for single-use tubing packs for cardiopulmonary bypass and extracorporeal membrane oxygenation (ECMO) (new standard): 11/7/2016

Supplement

ANSI/AAMI/IEC 60601-2-19/A1-2016, Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-19-2009 (R2014)): 11/10/2016

ANSI/AAMI/IEC 60601-2-20/A1-2016, Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of transport infant incubators, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-20-2009 (R2014)): 11/10/2016

ANSI/AAMI/IEC 60601-2-21/A1-2016, Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-21-2009 (R2014)): 11/10/2016

ANSI/AAMI/IEC 60601-2-50/A1-2016, Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-50-2009 (R2014)): 11/10/2016

ANSI/AAMI/IEC 80601-2-35/A1-2016, Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses intended for heating in medical use, Amendment 1 (supplement to ANSI/AAMI/IEC 80601-2-35-2011): 11/10/2016

ADA (American Dental Association)

New Standard

ANSI/ADA Standard No. 2000-2016, Systemized Nomenclature of Dentistry (SNODENT) (new standard): 11/8/2016

AMCA (Air Movement and Control Association)

Revision

* ANSI/AMCA 99-2016, Standards Handbook (revision of ANSI/AMCA 99-2010): 11/10/2016

ASABE (American Society of Agricultural and Biological Engineers)

Revision

ANSI/ASAE S354.6-NOV2016, Safety for Farmstead Equipment (revision of ANSI/ASAE S354.5-2006 (R2011)): 11/10/2016

ASCE (American Society of Civil Engineers)

New Standard

* ANSI/ASCE/EWRI 42-2017, Standard Practice for the Design, Conduct, and Evaluation of Operational Precipitation Enhancement Projects (new standard): 11/7/2016

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B16.42-2016, Ductile Iron Pipe Flanges and Flanged Fittings Classes 150 and 300 (revision of ANSI/ASME B16.42 -2011): 11/7/2016

ANSI/ASME B30.23-2016, Personnel Lifting Systems (revision of ANSI/ASME B30.23-2011): 11/7/2016

ASTM (ASTM International)

Revision

ANSI/ASTM E1529-2016, Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (revision of ANSI/ASTM E1529-2014a): 11/1/2016

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI/ATIS 0600030-2016, Line Powering of Telecommunications Equipment on Outside Plant (OSP) Twisted Copper Pair Loops (new standard): 11/7/2016

Revision

ANSI/ATIS 0600015.04-2016, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (revision of ANSI/ATIS 0600015.04-2010): 11/10/2016

Stabilized Maintenance

ANSI/ATIS 1000010-2006 (S2016), Support of Emergency Telecommunications Service ETS in IP Network (stabilized maintenance of ANSI/ATIS 1000010-2006 (R2011)): 11/7/2016

AWS (American Welding Society)

Revision

ANSI/AASHTO/AWS D1.5M/D1.5-2015, AMD 1, Bridge Welding Code (revision of ANSI/AWS D1.5M/D1.5-2015): 11/7/2016

BHMA (Builders Hardware Manufacturers Association)

Revision

* ANSI/BHMA A156.36-2016, Auxiliary Locks (revision of ANSI/BHMA A156.36-2010): 11/7/2016

CSA (CSA Group)

Revision

* ANSI Z21.76-2016, Gas-Fired Unvented Catalytic Room Heaters for Use with Propane Gas (revision of ANSI Z21.76-1994 (R2012), Z21.76a-1996 (R2012), Z21.76b-1997 (R2012)): 11/7/2016

* ANSI/CSA NGV2-2016, Standard for Compressed Natural Gas Vehicle Fuel Containers (revision of ANSI/CSA NGV2-2007 (R2012)): 11/7/2016

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Revision

ANSI N42.37-2016, Draft American National Standard - Training for the Radiological/Nuclear Detection Mission (revision of ANSI N42.37 -2006): 11/7/2016

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Reaffirmation

INCITS/ISO 9542:1988/AM 1:1999 [R2016], Information processing systems - Telecommunications and information exchange between systems - End System to Intermediate System Routeing Exchange Protocol for Use in Conjunction with the Protocol for Providing the Connectionless-Mode Network Service - Amendment 1: Addition of group composition information (reaffirmation of INCITS/ISO 9542 -1988/AM1-1999 [R2011]): 11/10/2016

INCITS/ISO/IEC 7816-15:2004/AM 1:2007 [R2016], Identification cards - Integrated circuit cards - Part 15: Cryptographic information application - Amendment 1: Examples of the use of the cryptographic information application (reaffirmation of INCITS/ISO/IEC 7816-15:2004/AM1:2007 [2011]): 11/10/2016

INCITS/ISO/IEC 7816-15:2004/AM 2:2008 [R2016], Identification cards - Integrated circuit cards - Part 15: Cryptographic information application - Amendment 2: Error corrections and extensions for multi-application environments (reaffirmation of INCITS/ISO/IEC 7816-15:2004/AM2:2008 [2011]): 11/10/2016

INCITS/ISO/IEC 10373-1:2006 [R2016], Identification cards - Test methods - Part 1: General characteristics tests (reaffirmation of INCITS/ISO/IEC 10373-1-2007 [R2011]): 11/10/2016

INCITS/ISO/IEC 10373-3:2010 [R2016], Identification cards - Test methods - Part 3: Integrated circuit cards with contacts and related interface devices (reaffirmation of INCITS/ISO/IEC 10373-3:2010 [2011]): 11/10/2016

INCITS/ISO/IEC 10373-7:2008 [R2016], Identification cards - Test methods - Part 7: Vicinity cards (reaffirmation of INCITS/ISO/IEC 10373-7:2008 [2011]): 11/10/2016

INCITS/ISO/IEC 15457-1:2008 [R2016], Identification cards - Thin flexible cards - Part 1: Physical characteristics (reaffirmation of INCITS/ISO/IEC 15457-1:2008 [2011]): 11/10/2016

INCITS/ISO/IEC 15457-3:2008 [R2016], Identification cards - Thin flexible cards - Part 3: Test methods (reaffirmation of INCITS/ISO/IEC 15457-3:2008 [2011]): 11/10/2016

INCITS/ISO/IEC 15693-1:2010 [R2016], Identification cards - Contactless integrated circuit cards - Vicinity cards - Part 1: Physical characteristics (reaffirmation of INCITS/ISO/IEC 15693-1:2010 [2010]): 11/10/2016

INCITS/ISO/IEC 15693-2:2006 [R2016], Identification cards - Contactless integrated circuit cards - Vicinity cards - Part 2: Air interface and initialization (reaffirmation of INCITS/ISO/IEC 15693 -2:2006 [2011]): 11/10/2016

INCITS/ISO/IEC 15693-3:2009 [R2016], Identification cards - Contactless integrated circuit cards - Vicinity cards - Part 3: Anticollision and transmission protocol (reaffirmation of INCITS/ISO/IEC 15693-3:2009 [2011]): 11/10/2016

INCITS/ISO/IEC 18013-2:2008 [R2016], Information technology - Personal identification - ISO-compliant driving license - Part 2: Machine-readable technologies (reaffirmation of INCITS/ISO/IEC 18013-2:2008 [2011]): 11/10/2016

INCITS/ISO/IEC 18013-3:2009 [R2016], Information technology - Personal identification - ISO-compliant driving license - Part 3: Access control, authentication and integrity validation (reaffirmation of INCITS/ISO/IEC 18013-3:2009 [2011]): 11/10/2016

INCITS/ISO/IEC 19763-3:2010 [R2016], Information technology - Metamodel framework for interoperability (MFI) - Part 3: Metamodel for ontology registration (reaffirmation of INCITS/ISO/IEC 19763 -3:2010 [2011]): 11/10/2016

INCITS/ISO/IEC 19784-4:2011 [R2016], Information technology - Biometric application programming interface - Part 4: Biometric sensor function provider interface (reaffirmation of INCITS/ISO/IEC 19784-4:2011 [2011]): 11/10/2016

INCITS/ISO/IEC 19784-1:2006/AM 3:2010 [R2016], Information technology - Biometric application programming interface - Part 1: BioAPI specification - Amendment 3: Support for interchange of certificates and security assertions, and other security aspects (reaffirmation of INCITS/ISO/IEC 19784-1:2006/AM3:2010 [2011]): 11/10/2016

INCITS/ISO/IEC 19795-5:2011 [R2016], Information technology - Biometric performance testing and reporting - Part 5: Access control scenario and grading scheme (reaffirmation of INCITS/ISO/IEC 19795-5:2011 [2011]): 11/10/2016

INCITS/ISO/IEC 19795-7:2011 [R2016], Information technology - Biometric performance testing and reporting - Part 7: Testing of on-card biometric comparison algorithms (reaffirmation of INCITS/ISO/IEC 19795-7:2011 [2011]): 11/10/2016

INCITS/ISO/IEC 24709-3:2011 [R2016], Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 3: Test assertions for BioAPI frameworks (reaffirmation of INCITS/ISO/IEC 24709-3:2011 [2011]): 11/10/2016

INCITS/ISO/IEC 29109-10:2010 [R2016], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 10: Hand geometry silhouette data (reaffirmation of INCITS/ISO/IEC 29109-10:2010 [2011]): 11/10/2016

INCITS/ISO/IEC 29159-1:2010 [R2016], Information technology - Biometric calibration, augmentation and fusion data - Part 1: Fusion information format (reaffirmation of INCITS/ISO/IEC 29159-1:2010 [2011]): 11/10/2016

INCITS/ISO/IEC 14750:1999 [R2016], Information Technology - Open Distributed Processing - Interface Definition Language (reaffirmation of INCITS/ISO/IEC 14750-1999 [R2011]): 11/10/2016

INCITS/ISO/IEC 14753:1999 [R2016], Information Technology - Open Distributed Processing - Interface References and Binding (reaffirmation of INCITS/ISO/IEC 14753-1999 [R2011]): 11/10/2016

INCITS/ISO/IEC 14769:2001 [R2016], Information Technology - Open Distributed Processing - Type Repository Function (reaffirmation of INCITS/ISO/IEC 14769-2001 [R2011]): 11/10/2016

INCITS/ISO/IEC 14771:1999 [R2016], Information Technology - Open Distributed Processing - Naming Framework (reaffirmation of INCITS/ISO/IEC 14771-1999 [R2011]): 11/10/2016

Stabilized Maintenance

INCITS/ISO/IEC 13249-2:2003 [S2016], Information technology - Database languages - SQL multimedia and application packages - Part 2: Full-Text (stabilized maintenance of INCITS/ISO/IEC 13249 -2-2003 [R2011]): 11/10/2016

INCITS/ISO/IEC 13249-5:2003 [S2016], Information technology - Database languages - SQL multimedia and application packages - Part 5: Still image (stabilized maintenance of INCITS/ISO/IEC 13249 -5:2003 [R2011]): 11/10/2016

INCITS/ISO/IEC 10561:1999 [S2016], Information technology - Office Equipment - Printing Devices Method for measuring printer throughput - Class 1 and Class 2 printers (stabilized maintenance of INCITS/ISO/IEC 10561-1999 [R2011]): 11/10/2016

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP FB v50-2016, NCPDP Formulary and Benefit Standard v50 (revision and redesignation of ANSI/NCPDP FB v44-2015): 11/8/2016

NEMA (ASC C136) (National Electrical Manufacturers Association)

Reaffirmation

ANSI C136.45-2011 (R2016), Standard for Roadway and Area Lighting Equipment -Aluminum Lighting Poles (reaffirmation and redesignation of ANSI C136.36A-2011): 11/7/2016

NSF (NSF International)

Revision

* ANSI/NSF 20-2016 (i6r1), Commercial Bulk Milk Dispensing Equipment (revision of ANSI/NSF 20-2007 (i3)): 11/13/2016

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 102.AABC-D-1-2016, Trunking Control Channel Messages Addendum 1 (addenda to ANSI/TIA 102.AABC-D-2015): 11/7/2016

Reaffirmation

ANSI/TIA 968-B 2009 (R2016), Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network (reaffirmation of ANSI/TIA 968-B 2009): 11/7/2016

Revision

ANSI/TIA 1152-A-2016, Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling (revision and redesignation of ANSI/TIA 1152-2009): 11/10/2016

UL (Underwriters Laboratories, Inc.)

Revision

* ANSI/UL 778-2016a, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2016): 11/14/2016

ANSI/UL 875-2016, Standard for Safety for Electric Dry-Bath Heaters (Proposal dated 8-19-2016) (revision of ANSI/UL 875-2011): 11/11/2016

ANSI/UL 1446-2016a, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2016): 11/11/2016

ANSI/UL 1558-2016a, Standard for Safety for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear (revision of ANSI/UL 1558-2016): 11/7/2016

ANSI/UL 1640-2016a, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016): 11/14/2016

ANSI/UL 1640-2016b, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016): 11/14/2016

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

AA (ASC H35) (Aluminum Association)

Office: 1525 Wilson Boulevard
Suite 600
Arlington, VA 22209

Contact: *John Weritz*

Fax: (703) 358-2961

E-mail: jweritz@aluminum.org

BSR H35.2-201x, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2-2013)

Stakeholders: Producers, distributors, and users of aluminum.

Project Need: Maintenance action.

The standard includes dimensional tolerances for aluminum mill products that are accepted and used within the aluminum industry and by users of metal. They are the basis of the dimensional tolerances specified in U.S. government, technical societies, and other specifications of aluminum products.

BSR H35.2(M)-201x, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2(M)-2013)

Stakeholders: Producers, distributors, and users of aluminum.

Project Need: Maintenance action.

The standard includes dimensional tolerances for aluminum mill products in metric terms.

BSR H35.3-201x, Standard Designation System for Aluminum Hardeners (revision of ANSI H35.3-1997 (R2013))

Stakeholders: Suppliers to and producers of aluminum.

Project Need: Maintenance action.

Covers system for designating aluminum hardeners used primarily for the addition of alloying or grain-refining elements, or modifiers to aluminum alloy melts.

BSR H35.4-201x, Standard Designation System for Unalloyed Aluminum (revision of ANSI H35.4-2006 (R2013))

Stakeholders: Producers of aluminum.

Project Need: Maintenance action.

The standard provides a system for designating unalloyed aluminum not made by a refining process and used primarily for remelting.

BSR H35.5-2013 (R201x), Standard Nomenclature System for Aluminum Metal Matrix Composite Materials (reaffirmation of ANSI H35.5-2013)

Stakeholders: Producers and users of aluminum.

Project Need: Maintanence action

Covers a system of designating wrought and cast aluminum metal matrix composite materials including generic temper designation.

BSR H35.1/H35.1(M)-201x, Standard Alloy and Temper Designation Systems for Aluminum (revision of ANSI H35.1/H35.1(M)-2013)

Stakeholders: Producers, distributors, and users of aluminum.

Project Need: Maintanence action.

Covers systems for designating wrought aluminum and wrought aluminum alloys, aluminum and aluminum alloys in the form of castings and foundry ingot, and tempers in which they are produced.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Suite 301
Arlington, VA 22203

Contact: *Amanda Benedict*

Fax: (703) 276-0793

E-mail: abenedict@aami.org

BSR/AAMI ST67-201x, Sterilization of health care products - Requirements and guidance for selecting a sterility assurance level (SAL) for products labeled 'sterile' (revision of ANSI/AAMI ST67 -2011)

Stakeholders: Entities that are tasked with determining the appropriate sterility assurance level for sterilization of health care products. Medical device manufacturers, regulators, industrial sterilization facilities and scientists.

Project Need: Revise existing standard to reflect current practice.

This standard specifies requirements and provides guidance for selecting an appropriate SAL for a terminally sterilized health care product that is labeled 'sterile.' The requirements and guidance provided in this standard also apply to the selection of an appropriate SAL for a terminally sterilized health care product that is labeled 'Sterile Fluid Path.'

BSR/AAMI ST91-2015 (R201x), Flexible and semi-rigid endoscope processing in health care facilities (revision of ANSI/AAMI ST91 -2015)

Stakeholders: Sterile processing and health care personnel with responsibility for processing endoscopes, regulators, manufacturers of endoscopes and related cleaning equipment, and others with interest in the processing of endoscopes.

Project Need: Update standard to reflect current practice.

This standard provides guidelines for precleaning, leak-testing, cleaning, packaging (where indicated), storage, high-level disinfecting, and/or sterilizing of flexible gastrointestinal (GI) endoscopes; flexible bronchoscopes; flexible ear, nose, and throat endoscopes; surgical flexible endoscopes (e.g., flexible ureteroscopes); and semi-rigid operative endoscopes (e.g., choledochoscopes) in health care facilities. These guidelines are intended to provide comprehensive information and direction for health care personnel in the processing of these devices and accessories.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Ste 301
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Fax: (703) 276-0793

E-mail: cbernier@aami.org

BSR/AAMI/ISO 5910-201x, Cardiovascular implants and extracorporeal systems - Cardiac valve repair devices (identical national adoption of ISO/DIS 5910)

Stakeholders: Manufacturers, users, and regulators of heart valve repair systems.

Project Need: Safety and performance specifications for heart valve repair systems.

Applies to all heart valve repair systems that have an intended use to repair and/or improve the function of native human heart valves by acting either on the valve apparatus or on the adjacent anatomy (e.g., ventricle, coronary sinus, atrioventricular node).

ASA (ASC S12) (Acoustical Society of America)

Office: 1305 Walt Whitman Rd
Suite 300
Melville, NY 11747

Contact: *Neil Stremmel*

Fax: (631) 923-2875

E-mail: nstremmel@acousticalsociety.org

ANSI/ASA S12.9-2008/Part 6, Standard Quantities and Procedures for Description and Measurement of Environmental Sound - Part 6: Methods for Estimation of Awakenings Associated with Outdoor Noise Events Heard in Homes (withdrawal of ANSI/ASA S12.9 -2008/Part 6)

Stakeholders: Municipal government and airport officials, consultants, planners, general public.

Project Need: The working group responsible for the maintenance of this standard has decided to withdraw the standard and replace with a Technical Report.

Provides method to predict sleep disturbance in terms of percentage of awakenings or numbers of people awakened associated with noise levels in terms of indoor A-weighted sound exposure level/ASEL. Developed from field studies of behavioral awakening mostly in homes near areas of routine jet aircraft takeoff and landing operations, railroads, roads, and highways. The database used to derive the method consists of ~10,000 subject-nights of observations in a variety of communities in the U.S. and the Netherlands.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASABE S613-3.1 MONYEAR, Tractors and self-propelled machinery for agriculture - Air quality systems for cabs - Part 3: Filters for environmental cab HVAC systems (revision of ANSI/ASABE S613-3 JUN2013)

Stakeholders: Users of the standard; spray applicator and filter manufacturers.

Project Need: Testing has found that an acceptance level specified may not result in the protection required; therefore, this proposal is to revise the acceptance level of ASABE S613-3.

This part of the S613 standard series is concerned with the generally accepted design principles and test procedures that define and qualify a filter for an HVAC system used in contaminated environments as part of an Occupational Health and Safety Management System (OHSMS). This document is intended to be a guide for engineers who are responsible for designs used in agricultural applications and for application specialists who are looking for a filter to be used when operating in a specific hazardous environment.

BSR/ASABE/ISO 3767-1:2016 MONYEAR, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 1: Common symbols (identical national adoption of ISO 3767-1:2016 and revision of BSR/ASABE/ISO 3767-1:2016 MONYEAR)

Stakeholders: All manufacturers of agricultural equipment.

Project Need: Many new symbols have been added and are now available to use in ISO 3767-1:2016.

This document standardizes symbols for use on operator controls and other displays applicable to multiple types of agricultural tractors and machinery, forestry machinery, and powered lawn and garden equipment.

n BSR/ASABE/ISO 3767-2:2016 MONYEAR, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery (identical national adoption of ISO 3767-2:2016 and revision of ANSI/ASABE/ISO 3767-2-1991, W/Amd. 1-3 MAY2006 (R2016))

Stakeholders: All manufacturers of agricultural equipment.

Project Need: Many new symbols have been added and are now available to use in ISO 3767-2:2016.

This document standardizes symbols for use on operator controls and other displays applicable to multiple types of agricultural tractors and machinery, forestry machinery, and powered lawn and garden equipment.

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS D17.3/D17.3M-201x, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2016)

Stakeholders: Aerospace fabrication and manufacturing companies.

Project Need: This specification contains the requirements for friction stir welding (FSW) of aluminum aerospace hardware. The requirements include design of welded joints, qualification of procedures and operators, fabrication and inspection. The FSW methods covered by this specification are conventional FSW, retractable probe FSW, and self-reacting FSW.

This specification covers the general requirements for the friction stir welding of aluminum alloys for aerospace applications. It includes the requirements for weldment design, qualification of personnel and procedures, fabrication, and inspection.

BSR/AWS J1.2M/J1.2-201x, Guide to Installation and Maintenance of Resistance Welding Machines (revision of ANSI/AWS J1.2M/J1.2 -2016)

Stakeholders: Resistance Welding community.

Project Need: While resistance welding machines vary considerably in size and complexity, there are basic principles applicable to the installation, operation, maintenance, and troubleshooting. This document is intended to provide basic information to the users of the resistance welding equipment to supplement the instructions and recommendations of the equipment manufacturer. Where there is conflict, the equipment manufacturers' document shall take precedence.

This guide provides general instructions for the installation, operation, and maintenance of common types of resistance welding equipment. Generic preventative maintenance schedules and equipment troubleshooting recommendations are provided as an overview of common weld qualification techniques and corrective actions to common weld conditions.

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 200-B-201x, Circular Waveguides (new standard)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This standard pertains exclusively to circular waveguides. This standard does not apply to any semi-flexible transmission lines or connectors. It is the intent of this standard to provide complete mechanical interchangeability for all lines.

BSR/EIA 296-G-201x, Lead Taping of Components in Axial Lead Configuration for Automatic Handling (revision and redesignation of ANSI/EIA 296-F-2015)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Revise and redesignate current American National Standards.

This Standard is formulated to provide dimensions and tolerances necessary to tape axial leaded components after manufacture so that they can be automatically handled. Axial leaded components are leaded components with the lead egress concentric with the longitudinal axis centerline of the component body.

BSR/EIA 364-10G-201x, Fluid Immersion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-10F-2014)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Revise and redesignate current American National Standards.

This standard establishes test methods to determine the ability of an electrical connector or connector assembly to resist degradation due to exposure to specific fluids with which the connector assembly may come into contact during its service life.
CAUTION — (1) This standard may involve hazardous materials, operations, and equipment. This standard does not purport to address all the safety problems that are associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations before its use.
(2) All aspects of handling, use, and disposal of spent hazardous materials shall be in accordance with all applicable Federal, State, and Local laws and regulations, including OSHA and environmental regulations, licenses, or permits.

BSR/EIA 364-57A-201x, Coupling Pin Strength Test Procedure for Circular Bayonet Electrical Connectors (revision and redesignation of ANSI/EIA 364-57-2011)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Revise and redesignate current American National Standards.

This test procedure establishes a test method to determine whether coupling pin strength can withstand external forces required to mate and unmate circular bayonet electrical connectors with gages or devices.

ESTA (Entertainment Services and Technology Association)

Office: 630 Ninth Avenue
Suite 609
New York, NY 10036-3748

Contact: *Karl Ruling*

Fax: (212) 244-1502

E-mail: standards@esta.org

BSR E1.6-2-201x, Entertainment Technology - Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (revision of ANSI E1.6-2-2013)

Stakeholders: Powered rigging system manufacturers, system designers, installers, specifiers, users, and owners.

Project Need: The existing standard is being opened for revision to address known issues and to coordinate the language with existing E1 standards.

E1.6-2 is part of the E1.6 powered entertainment rigging suite of standards. It covers the design, inspection, and maintenance of serially manufactured electric link chain hoists having capacity of 2 tons or less and used in the entertainment industry. This standard does not cover attachment to the load or to the overhead structure. Controls used for multiple hoist operation are excluded from the scope of this part of the standard.

BSR/ESTA ESG1.X-201x, Event Safety Guide: A guide to health, safety, and welfare at live entertainment events in the United States (new standard)

Stakeholders: Entertainment technologies manufacturers, users, designers, and retailers; live event producers, promoters, planners, organizers, and suppliers; and attendees of live events.

Project Need: In 2014, the first edition of the Event Safety Guide (ESG) was published by the Event Safety Alliance. Revisions to the Guide are needed, including consideration for additional aspects of certain live events. A new working group was created under the Policies and Procedures of the Technical Standards Program to transform the ESG into a suite of American National Standards.

The primary intent of the Event Safety Guide is to promote life safety in the live event industry. It is a compilation of recommended practices and considerations for all aspects of live events, based on existing American National Standards and widely accepted principles of safety and risk assessment that apply to live events that take place at a variety of venues, including purpose-built arenas, sites not designed for public entertainment, and open-air venues, among others.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854-4141

Contact: *Lisa Weisser*

E-mail: l.weisser@ieee.org

BSR/IEEE 532-201x, Guide for Selecting and Testing Jackets for Power, Instrumentation, and Control Cables (revision of ANSI/IEEE 532-2007)

Stakeholders: IEEE Insulated Conductors Committee.

Project Need: Guide is due for revision per the IEEE revision cycle protocols.

This guide covers the selection and testing of jackets for power, instrumentation, and control cables. It is written for those responsible for optimizing cable design and performance. The purpose is to present a reasonably complete picture of the role of jackets so that the subject can be approached in an orderly and organized manner. An effort has been made to avoid the highly technical language and theory commonly used by electrical engineers and chemists to discuss the more detailed application of jackets.

BSR/IEEE 1010-201x, Guide for Control of Hydroelectric Power Plants (new standard)

Stakeholders: Hydro owners, operators, constructors, designers.

Project Need: With a growing emphasis on green energy, development of hydroelectric plants is on the increase. Keeping this guide current with technology and practices supports this growing development.

This guide describes the control and monitoring requirements for equipment and systems associated with conventional and pumped-storage hydroelectric plants. It includes typical methods of local and remote control, details of the control interfaces for plant equipment, and requirements for centralized and off-site control. Where specific values are given for control parameters, they should be considered as typical. This document does not address civil and structural details of hydroelectric power plants unless required for the understanding of certain control and monitoring functions.

BSR/IEEE 1248-201x, Guide for the Commissioning of Electrical Systems in Hydroelectric Power Plants (new standard)

Stakeholders: Owners, developers, contractors, consultants of hydroelectric plants.

Project Need: Technology has changed since the original development of the guide. Green energy development has been increasing and the need for good commissioning programs with it.

This guide describes tests performed and provides processes to be followed during the comissioning of electrical and control systems in hydroelectric plants. Guidance for methods to be used, organization, and execution of the testing are provided. While the guide does not provide prescriptive procedures that are plant and equipment specific, tests are described along with reference standards for more information. The commissioning of electrical equipment may be for a new hydroelectric plant installation; rehabilitation of an existing hydroelectric plant; or replacement and upgrade of existing electrical equipment.

BSR/IEEE 1406-201x, Guide for the Use of Gas-in-Fluid Analysis for Paper and Laminated Paper-Polypropylene Insulated Cable Systems (new standard)

Stakeholders: All owners of paper and laminated paper-polypropylene insulated cable systems and those performing maintenance and diagnostics on these types of systems.

Project Need: The proposed tests have been proven effective in determining the condition of paper cables and so this standard needs to be updated to reflect the current state of the industry in the use of these tests.

The scope of this guide is to furnish an understanding of the conditions that generate gases in paper and laminated paper-polypropylene insulated fluid-filled cable systems; to establish a recommended method for sampling, data collection and analysis; and to identify possible remedial actions for systems with high dissolved gas content.

BSR/IEEE 2690-201x, Standard for Charging Network Management Protocol for Electric Vehicle Charging Systems (new standard)

Stakeholders: The stakeholders for this standard include vendors of EVCS and charging management systems; their customers who purchase and install EV charging systems; auto OEMs who manufacture and sell Plug-in Hybrid and Electric Vehicles; EVSE component vendors; and potentially, a broad range of parties engaged in the electrification of transportation including utilities and their regulators, municipalities, and air quality boards.

Project Need: There is an emerging need in global markets for a formal standard for communication between EVCS and external device/services management systems. Such a protocol standard will provide a basis for increasing functionality and interoperability between EVCS and charging services networks. However, there is currently no SDO-based project under way to meet this need.

The standard defines communications between Electric Vehicle Charging Systems (EVSC) and a device, network, and services management system, typically based "in the cloud" but could also include interfaces to site-specific components or systems (e.g., building energy management systems). It defines patterns, messages, and parameters for monitoring and controlling such functions as user/vehicle authentication and authorization; charging session state; energy and service pricing, delivery and metering; managed and "smart" charging; EVSE device health; system fault detection and diagnosis; environmental sensing (vehicle proximity, position); user-oriented communication; and support for other "e-mobility" and value-added services.

BSR/IEEE C37.91-201x, Guide for Protecting Power Transformers (new standard)

Stakeholders: Electric energy systems, power system protection engineers, system planning engineers, and transformer design engineers.

Project Need: While the guidelines provided are typically used for transformers of more than 5-MVA-rated capacity and operating at voltages exceeding 10 kV, a user may apply the techniques described in this guide for protecting transformers of less than those ratings.

The scope of this guide includes general philosophy, practical applications, and economic considerations involved in power transformer protection. Emphasis is placed on practical applications. General philosophy and economic considerations in protecting transformers are reviewed. Types of faults in transformers are described. Technical problems with the protection systems, including the behavior of current transformers (CTs) during system faults, are discussed. Associated problems, such as fault clearing and reenergization, are discussed as well.

BSR/IEEE C37.230-201x, Guide for Protective Relay Applications to Distribution Lines (revision of ANSI/IEEE C37.230-2007)

Stakeholders: Electrical engineers, technologists, consultants, educators, and manufacturers, who design, select, teach, or maintain electrical distribution protection systems.

Project Need: This guide should be revised to correct errors and address additional distribution-line protection-related topics. For example, new sections may be added to this guide to address distribution-line protection impacts on and/or interaction with arc flash hazards, the smart grid, and fault locating. Existing sections within this guide may be revised to discuss non-conventional current and voltage transformers and distributed resource integration and coordination.

This guide discusses the application and coordination of protection for power-system distribution lines. It includes the descriptions of the fundamentals, line configurations, and schemes. In addition to these, this guide identifies problems with the methods used in distribution line protection and the solutions to those problems.

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709
Contact: *Eliana Brazda*
Fax: (919) 549-8288
E-mail: ebrazda@isa.org

BSR/ISA 96.03.04-201x, Guidelines for the Specification of Linear Piston Pneumatic Actuators (new standard)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide a guide to assist the user in specifying linear piston pneumatic valve actuators.

This standard provides general requirements for the development of specifications for piston-type linear pneumatic valve actuators.

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922
Contact: *Rachel Porter*
Fax: 202-638-4922
E-mail: comments@itic.org

INCITS 522-2014/AM 1-201x, Information technology - ATA/ATAPI Command Set - 3 (ACS-3) - Amendment 1 (supplement to INCITS 522-2014)

Stakeholders: ICT industry.

Project Need: ACS-3 (INCITS 522-2014) is missing content that was approved for inclusion in ACS-3 and contains technical errors. This amendment is intended to address these to ensure interoperability of products using ACS-3.

This amendment adds missing content that was approved for inclusion in ACS-3 (INCITS 522-2014), fixes known technical errors and typos.

INCITS/ISO/IEC 18180:2014, Information technology - Specification for the Extensible Configuration Checklist Description Format (XCCDF) Version 1.2 (identical national adoption of ISO/IEC 18180:2014)

Stakeholders: ICT industry.

Project Need: Adoption of this international standard is beneficial to the ICT industry.

Specifies the data model and Extensible Markup Language (XML) representation for the Extensible Configuration Checklist Description Format (XCCDF) Version 1.2. An XCCDF document is a structured collection of security configuration rules for some set of target systems. The XCCDF specification is designed to support information interchange, document generation, organizational and situational tailoring, automated compliance testing, and scoring. ISO/IEC 18180:2013 also defines a data model and format for storing results of security guidance or checklist testing. The intent of XCCDF is to provide a uniform foundation for expression of security checklists and other configuration guidance, and thereby foster more widespread application of good security practices.

INCITS/ISO/IEC 19464:2014, Information technology - Advanced Message Queuing Protocol (AMQP) v1.0 specification (identical national adoption of ISO/IEC 19464:2014)

Stakeholders: ICT industry.

Project Need: Adoption of this international standard is beneficial to the ICT industry.

Defines the Advanced Message Queuing Protocol (AMQP), an open Internet protocol for business messaging. It defines a binary wire-level protocol that allows for the reliable exchange of business messages between two parties. AMQP has a layered architecture and the specification is organized as a set of parts that reflects that architecture.

INCITS/ISO/IEC 19510:2013, Information technology - Object Management Group Business Process Model and Notation (identical national adoption of ISO/IEC 19510:2013)

Stakeholders: ICT industry.

Project Need: Adoption of this international standard is beneficial to the ICT industry.

Provide a notation that is readily understandable by all business users, from the business analysts that create the initial drafts of the processes, to the technical developers responsible for implementing the technology that will perform those processes, and finally, to the business people who will manage and monitor those processes. Thus, ISO/IEC 19510:2013 creates a standardized bridge for the gap between the business process design and process implementation.

INCITS/ISO/IEC 19678:2015, Information Technology - BIOS Protection Guidelines (identical national adoption of ISO/IEC 19678:2015)

Stakeholders: ICT industry.

Project Need: Adoption of this international standard is beneficial to the ICT industry.

Provides requirements and guidelines for preventing the unauthorized modification of Basic Input/Output System (BIOS) firmware on PC client systems. Unauthorized modification of BIOS firmware by malicious software constitutes a significant threat because of the BIOS's unique and privileged position within the PC architecture. A malicious BIOS modification could be part of a sophisticated, targeted attack on an organization - either a permanent denial of service (if the BIOS is corrupted) or a persistent malware presence (if the BIOS is implanted with malware).

INCITS/ISO/IEC 19831:2015, Cloud Infrastructure Management Interface (CIMI) Model and RESTful HTTP-based Protocol - An Interface for Managing Cloud Infrastructure (identical national adoption of ISO/IEC 19831:2015)

Stakeholders: ICT industry.

Project Need: Adoption of this international standard is beneficial to the ICT industry.

Describes the model and protocol for management interactions between a cloud Infrastructure as a Service (IaaS) Provider and the consumers of an IaaS service. The basic resources of IaaS (machines, storage, and networks) are modeled with the goal of providing consumer management access to an implementation of IaaS and facilitating portability between cloud implementations that support the specification. This document specifies a Representational State Transfer (REST)-style protocol using HTTP. However, the underlying model is not specific to HTTP, and it is possible to map it to other protocols as well.

INCITS/ISO/IEC 20919:2016, Information technology - Linear Tape File System (LTFS) Format Specification (identical national adoption of ISO/IEC 20919:2016)

Stakeholders: ICT industry.

Project Need: Adoption of this international standard is beneficial to the ICT industry.

Defines the LTFS Format requirements for interchanged media that claims LTFS compliance. Those requirements are specified as the size and sequence of data blocks and file marks on the media, the content and form of special data constructs (the LTFS Label and LTFS Index), and the content of the partition labels and use of MAM parameters. The data content (not the physical media) of the LTFS format shall be interchangeable among all data storage systems claiming conformance to this format. Physical media interchange is dependent on compatibility of physical media and the media access devices in use. Does not contain instructions or tape command sequences to build the LTFS structure.

NEBB (National Environmental Balancing Bureau)

Office: 8575 Grovemont Circle
Gaithersburg, MD 20877

Contact: *Bohdan Fedyk*

Fax: (301)977-9589

E-mail: don@nebb.org

BSR/NEBB S130-201x, Cleanroom Performance Testing (new standard)

Stakeholders: Private and government building owners and building operators, general contractors, subcontractors, commissioners, testing firms, design engineers, healthcare industry and regulatory agencies.

Project Need: The industry currently relies on multiple standards from ISO and IEST. The NEBB Procedural Standard compiles the requirements of multiple entities into one standard that can be used by industry stakeholders as the standard for continued compliance. Procedures are necessary for verification of compliance for regulatory agencies.

This standard details the requirements for certification activities and documentation for continued compliance with regulatory agencies and industry stakeholders and will incorporate and reference standards for specific equipment.

BSR/NEBB S140-201x, Standards for Compounding Pharmacy Certification (new standard)

Stakeholders: Private and government building owners and building operators, general contractors, subcontractors, commissioners, testing firms, design engineers, healthcare industry and regulatory agencies.

Project Need: Existing industry standards (USP 797 and USP 800 and 21 CFR 211 503b) define the operating criteria for compounding pharmacy spaces but do not define certification processes or documentation requirements. Procedures are necessary for verification of compliance for regulatory agencies.

This standard details the requirements for certification activities and documentation for continued compliance with regulatory agencies and industry stakeholders and will incorporate and reference standards for specific equipment.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select “Standards Activities,” click on “Public Review and Comment” and “American National Standards Maintained Under Continuous Maintenance.” This information is also available directly at www.ansi.org/publicreview.

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

AA (ASC H35)
Aluminum Association

1525 Wilson Boulevard
Suite 600
Arlington, VA 22209
Phone: (703) 358-2988
Fax: (703) 358-2961
Web: www.aluminum.org

AAMI
Association for the Advancement of Medical Instrumentation (AAMI)

4301 N. Fairfax Dr., Ste 301
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8263
Fax: (703) 276-0793
Web: www.aami.org

ADA (Organization)
American Dental Association

211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 587-4129
Fax: (312) 440-2529
Web: www.ada.org

AIAA
American Institute of Aeronautics and Astronautics

12700 Sunrise Valley Drive, Suite 200
Reston, VA 20191-5807
Phone: (703) 264-7546
Web: www.aiaa.org

AMCA
Air Movement and Control Association

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6285
Web: www.amca.org

ANS
American Nuclear Society

555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

ASA (ASC S12)
Acoustical Society of America

1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated

275 West Street
Suite 107
Annapolis, MD 21401
Phone: (410) 267-7707
Web: www.x9.org

ASCE
American Society of Civil Engineers

1801 Alexander Bell Dr
Reston, VA 20191
Phone: 703-295-6176
Web: www.asce.org

ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASSE (Safety)
American Society of Safety Engineers

520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.org

ASTM
ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

AWPA (ASC O5)
American Wood Protection Association

P.O. Box 361784
Birmingham, AL 35236-1784
Phone: (205) 733-4077
Fax: (205) 733-4075
Web: www.awpa.com

AWS
American Welding Society

8669 NW 36th Street, #130
Miami, Florida 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

AWWA
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

BHMA
Builders Hardware Manufacturers Association

355 Lexington Avenue
15th Floor
New York, NY 10017
Phone: (212) 297-2126
Fax: (212) 370-9047
Web: www.buildershardware.com

CSA
CSA Group

8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

CTA
Consumer Technology Association

1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.ce.org

ECIA
Electronic Components Industry Association

2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.ecianow.org

ESTA
Entertainment Services and Technology Association

630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO

18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Fax: (708) 479-6139
Web: www.asse-plumbing.org

ICC
International Code Council

4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
Fax: (708) 799-0320
Web: www.iccsafe.org

IEEE
Institute of Electrical and Electronics Engineers

445 Hoes Lane
Piscataway, NJ 08854-4141
Phone: (732) 981-2864
Web: www.ieee.org

IEEE (ASC N42)
Institute of Electrical and Electronics Engineers

445 Hoes Lane
Piscataway, NJ 08855-1331
Phone: 732-562-3817
Web: standards.ieee.org

IIAR
International Institute of Ammonia Refrigeration

1001 North Fairfax Street
Alexandria, VA 22314
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.org

ISA (ASC Z133)
International Society of Arboriculture

P.O. Box 3129
Champaign, IL 61826-3129
Phone: (217) 355-9411
Fax: (217) 355-9516
Web: www.isa-arbor.com

ISA (Organization)
International Society of Automation

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5737
Fax: 202-638-4922
Web: www.incits.org

NCPDP
National Council for Prescription Drug Programs

9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (480) 296-4584
Fax: (480) 767-1042
Web: www.ncpdp.org

NEBB
National Environmental Balancing Bureau

8575 Grovemont Circle
Gaithersburg, MD 20877
Phone: (301) 977-3968
Fax: (301) 977-9589
Web: www.nebb.org

NEMA (ASC C136)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3378
Web: www.nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3299
Web: www.nema.org

NEMA (ASC C82)
National Electrical Manufacturers Association

1300 N 17th St
Rosslyn, VA 22209
Phone: 703-841-3262
Fax: 703-841-3362
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 769-5197
Web: www.nsf.org

RESNET
Residential Energy Services Network, Inc.

4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

SCTE
Society of Cable Telecommunications Engineers

140 Phillips Rd
Exton, PA 19341
Phone: (484) 252-2330
Web: www.scte.org

SPI
The Society of the Plastics Industry, Inc.

POB 690905
Houston, TX 77269
Phone: (832) 446-6999
Web: www.plasticsindustry.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3198
Fax: (847) 664-3198
Web: www.ul.com

ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 18322, Space systems - General quality and safety requirements for space test centers - 11/30/2016, $93.00

ISO/DIS 19924, Space systems - Acoustic testing - 1/28/2017, $71.00

CRANES (TC 96)

ISO/DIS 8686-3, Cranes - Design principles for loads and load combinations - Part 3: Tower cranes - 1/29/2017, $88.00

FLOOR COVERINGS (TC 219)

ISO/DIS 11856, Textile floor coverings - Test methods for the determination of fibre bind using a modified martindale machine - 12/2/2016, $33.00

FOOTWEAR (TC 216)

ISO/DIS 20536, Footwear - Critical substances potentially present in footwear and footwear components - Determination of phenol in footwear materials - 2/4/2017, $53.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12636, Graphic technology - Blankets for offset printing - 11/30/2016, $62.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 2714, Liquid hydrocarbons - Volumetric measurement by displacement meter - 2/3/2017, $102.00

ISO/DIS 2715, Liquid hydrocarbons - Volumetric measurement by turbine flowmeter - 2/3/2017, $107.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 13260/DAmd1, Thermoplastics piping systems for non-pressure underground drainage and sewerage - Test method for resistance to combined temperature cycling and external loading - Amendment 1 - 1/29/2017, $29.00

ISO/DIS 10146, Crosslinked polyethylene (PE-X and PE-MDX) - Effect of time and temperature on expected strength - 2/4/2017, $53.00

ISO/DIS 11922-1, Thermoplastics pipes for the conveyance of fluids - Dimensions and tolerances - Part 1: Metric series - 2/3/2017, $62.00

PROSTHETICS AND ORTHOTICS (TC 168)

ISO/DIS 21063, Prosthetics and orthotics - Soft orthoses - Uses, functions, classification and description - 2/2/2017, $33.00

ISO/DIS 21064, Prosthetics and orthotics - Foot orthotics - Uses, functions classification and description - 2/2/2017, $33.00

ISO/DIS 21065, Prosthetics and orthotics - Terms relating to the treatment and rehabilitation of persons having a lower limb amputation - 2/2/2017, $40.00

ROAD VEHICLES (TC 22)

ISO/DIS 15118-4, Road vehicles - Vehicle to grid communication interface - Part 4: Network and application protocol conformance test - 11/30/2016, $301.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 19636, Ships and marine technology - General requirements for inclinometers used for determination of trim and list of LNG carriers - 11/30/2016, $58.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO/DIS 6003, Alpine skis - Determination of mass and polar moment of inertia - Laboratory measurement method - 1/29/2017, $40.00

ISO/DIS 7138, Cross-country skis - Determination of mass and location of balance point - 1/29/2017, $33.00

ISO/DIS 7139, Cross-country skis - Determination of elastic properties - 1/29/2017, $33.00

ISO/DIS 7798, Cross-country skis - Determination of fatigue indexes - Cyclic loading test - 1/29/2017, $46.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 25424, Sterilization of health care products - Low temperature steam and formaldehyde - Requirements for development, validation and routine control of a sterilization process for medical devices - 2/4/2017, $112.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 20411, Surface chemical analysis - Secondary ion mass spectrometry - Correction method for saturated intensity in single ion counting dynamic secondary ion mass spectrometry - 12/2/2016, $62.00

(TC 270)

ISO/DIS 20430, Plastics and rubber machines - Injection moulding machines - Safety requirements - 2/2/2017, $175.00

WOOD-BASED PANELS (TC 89)

ISO/DIS 12460-2, Wood-based panels - Determination of formaldehyde release - Part 2: Small-scale chamber method - 11/10/2003, $67.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18033-2/DAmd1, Information technology - Security techniques - Encryption algorithms - Part 2: Asymmetric ciphers - Amendment 1: FACE - 2/3/2017, $67.00

ISO/IEC 23008-5/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: Reference software for high efficiency video coding - Amendment 1: Reference software for screen content coding extensions - 12/2/2016, $29.00

ISO/IEC 29170-2/DAmd2, Information technology - Advanced image coding and evaluation - Part 2: Evaluation procedure for nearly lossless coding - Amendment 2: Evaluation procedure for nearly lossless coding of image sequences - 2/1/2017, $53.00

ISO/IEC 14496-30/DAmd1, Information technology - Coding of audio-visual objects - Part 30: Timed text and other visual overlays in ISO base media file format - Amendment 1: Support for CTA-708 captioning in SEI messages - 1/28/2017, $29.00

ISO/IEC 23001-11/DAmd2, Information technology - MPEG systems technologies - Part 11: Energy-efficient media consumption (green metadata - Amendment 2: Conformance and reference software - 1/28/2017, $40.00

ISO/IEC DIS 19286, Identification cards - Integrated circuit cards - Privacy-enhancing protocols and services - 1/29/2017, $146.00

ISO/IEC DIS 27007, Information technology - Security techniques - Guidelines for information security management systems auditing - 1/29/2017, $119.00

ISO/IEC DIS 27019, Information technology - Security techniques - Information security controls for the energy utility industry - 1/29/2017, $107.00

ISO/IEC DIS 27021, Information technology - Security techniques - Competence requirements for information security management systems professionals - 1/29/2017, $67.00

ISO/IEC DIS 29003, Information technology - Security techniques - Identity proofing - 2/2/2017, $77.00

ISO/IEC DIS 23009-6, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 6: DASH with server push and websockets - 1/28/2017, $107.00

ISO/IEC DIS 27034-3, Information technology - Application security - Part 3: Application security management process - 2/3/2017, $119.00

ISO/IEC DIS 23000-19, Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) - 1/28/2017, $165.00

IEC Standards

3/1299/CD, IEC/TS 63064 Ed.1.0: Graphical Symbols for Diagrams - Guidance of Design for Standardizationin IEC 60617, 01/06/2017

11/251/FDIS, IEC 60826/Ed4: Overhead transmission lines - Design criteria, 12/23/2016

17C/654/NP, PNW 17C-654: IEC 62271-215: Phase comparator, 02/03/2017

21A/615/NP, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride rechargeable cells and modules for use in industrial applications - Part 1: Performance, 02/03/2017

21A/616/NP, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride rechargeable cells and modules for use in industrial applications - Part 2: Safety, 02/03/2017

23B/1232/CD, IEC 60884-1 f4 Ed.4: Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, 02/03/2017

23B/1233/CD, IEC 60884-1 f5 Ed.4: Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, 02/03/2017

34C/1278/CD, IEC 62442-1 A1 Ed.1: Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear, 02/03/2017

34C/1280/CD, IEC 62442-2 A1 Ed.1: Energy performance of lamp controlgear - Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of the controlgear, 02/03/2017

34C/1282/CD, IEC 62442-3 A1 Ed.1: Energy performance of lamp controlgear - Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear, 02/03/2017

45B/852/CD, IEC 62244 Ed.2: Radiation protection instrumentation - Installed radiation portal monitors (RPMs) for the detection of illicit trafficking of radioactive and nuclear materials, 02/03/2017

47/2334/CD, IEC 63068-1 Ed.1: Semiconductor devices - Non-destructive recognition criteria of defects in silicon carbide homoepitaxila wafer for power devices - Part 1: Classification of defects, 02/03/2017

48B/2537/FDIS, IEC 62946-02/Ed1: Connectors for electronic equipment Part 02: Detail specification for 8-way, unshielded, free and fixed high density connectors for data transmission with frequencies up to 250 MHz and with current carrying capacity up to 1 A, 12/23/2016

64/2149A/CD, Amendment 3 to IEC 60364-5-53 (f3): Low voltage electrical installation - Part 5-53 - Selection and rection of electrical equipment - Isolation, switching and control - Clause 533 - Devices for protection against overcurrent, 02/03/2017

77C/260/DTS, IEC TS 61000-5-10: Electromagnetic Compatibility (EMC) - Part 5 - 10: Installation and mitigation guidelines - Guide to the protection of facilities against HEMP and IEMI, 02/03/2017

82/1202/NP, Measurement procedures for materials used in photovoltaic modules - Part 6-3: Adhesion testing of interfaces within PV modules (proposed IEC 62788-6-3 TS), 02/03/2017

82/1203/NP, Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 1-1: Delamination for crystalline silicon PV modules (proposed IEC 62804-1-1 TS), 02/03/2017

82/1204/FDIS, IEC 62670-3 Ed.1: Photovoltaic concentrators (CPV) - Performance testing - Part 3: Performance measurements and power rating, 12/23/2016

90/379/CD, IEC 61788-25: Superconductivity - Part 25: Mechanical properties measurement - Room Temperature Tensile Test on REBCO Wires, 02/03/2017

100/2823A/DTR, IEC 63094 Ed1 TR: Multimedia systems and equipment - Multimedia signal transmission - Dependable line code with error correction, 12/30/2016

103/153/DTR, IEC/TR 63098 Ed1: Transmitting equipment for radiocommunication - radio over fibre technologies and their performance standard - Part 1: System applications of radio over fibre technologies, 01/16/2017

103/154/NP, Transmitting equipment for radiocommunication radio-over-fibre technologies and their performance standard - Part 2: Radio over fibre fronthaul network for train communication network, 02/03/2017

103/155/NP, Transmitting equipment for radiocommunication radio-over-fibre technologies and their performance standard - Part 3: Foreign object and debris (FOD) detection radar system, 02/03/2017

103/156/DTR, IEC/TR 63099-1 Ed1: Transmitting Equipment for radiocommunication - Radio over fiber technologies for electromagnetic-field measurement - Part 1: Radio over fibre technologies for antenna measurement, 01/06/2017

103/157/DTR, IEC 63100 Ed.1.0: Transmitting equipment for radiocommunication - Radio-over-fibre technologies for spectrum measurement - 100-GHz spectrum measurement equipment, 01/06/2017

103/158/DTR, IEC TR 63101-1 Ed.1.0: Transmitting equipment for Radiocommunication - Radio-over-fibre technologies and their performance standard - Part 1: System applications of radio over fibre technologies, 01/06/2017

104/709/CDV, IEC 60721-3-1 Ed.3: Classification of environmental conditions - Part 3-1: Classification of groups of environmental parameters and their severities - Storage, 02/03/2017

104/710/CDV, IEC 60721-3-2 Ed.3: Classification of environmental conditions - Part 3-2: Classification of groups of environmental parameters and their severities - Transportation and Handling, 02/03/2017

119/125/CD, IEC 62899-303-1 Ed.1: Printed Electronics - Part 303-1: Equipment - Roll-to-roll printing - Mechanical dimensions, 01/06/2017

SYCSMARTENERGY/50/DTR, IEC 63097/TR/Ed1: Smart Grid Roadmap, 01/06/2017

Newly Published ISO & IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers)..

ISO Standards

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 15067-3-2:2016, Information technology - Home Electronic System (HES) application model - Part 3-2: GridWise interoperability context-setting framework, $200.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 19054/Amd1:2016, Rail systems for supporting medical equipment - Amendment 1, $22.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14034:2016, Environmental management - Environmental technology verification (ETV), $149.00

IMPLANTS FOR SURGERY (TC 150)

ISO 7199:2016, Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators), $123.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 12135:2016, Metallic materials - Unified method of test for the determination of quasistatic fracture toughness, $265.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 20816-1:2016, Mechanical vibration - Measurement and evaluation of machine vibration - Part 1: General guidelines, $173.00

ISO 21940-11:2016, Mechanical vibration - Rotor balancing - Part 11: Procedures and tolerances for rotors with rigid behaviour, $173.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 9344:2016, Microscopes - Graticules for eyepieces, $51.00

PACKAGING (TC 122)

ISO 18616-1:2016, Transport packaging - Reusable, rigid plastic distribution boxes - Part 1: General purpose application, $123.00

ISO 18616-2:2016, Transport packaging - Reusable, rigid plastic distribution boxes - Part 2: General specifications for testing, $88.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 9151:2016, Protective clothing against heat and flame - Determination of heat transmission on exposure to flame, $123.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 29945:2016, Refrigerated non-petroleum based liquefied gaseous fuels - Dimethylether (DME) - Method of manual sampling onshore terminals, $88.00

ROAD VEHICLES (TC 22)

ISO 15082:2016, Road vehicles - Tests for rigid plastic safety glazing materials, $200.00

ISO 18375:2016, Heavy commercial vehicles and buses - Test method for yaw stability - Sine with dwell test, $123.00

ISO 13400-3:2016, Road vehicles - Diagnostic communication over Internet Protocol (DoIP) - Part 3: Wired vehicle interface based on IEEE 802.3, $123.00

ISO 15501-1:2016, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 1: Safety requirements, $123.00

ISO 15501-2:2016, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 2: Test methods, $88.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 4666-3:2016, Rubber, vulcanized - Determination of temperature rise and resistance to fatigue in flexometer testing - Part 3: Compression flexometer (constant-strain type), $123.00

ISO 5470-1:2016, Rubber- or plastics-coated fabrics - Determination of abrasion resistance - Part 1: Taber abrader, $88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 19697:2016, Ships and marine technology - Navigation and ship operations - Electronic inclinometers, $149.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO 12757-1:2016, Ball point pens and refills - Part 1: General use, $88.00

TEXTILE MACHINERY AND ALLIED MACHINERY AND ACCESSORIES (TC 72)

ISO 96-1:2016, Textile machinery and accessories - Rings and travellers for ring spinning and ring twisting frames - Part 1: Flange rings T and SF and their travellers, $51.00

ISO Technical Reports

NANOTECHNOLOGIES (TC 229)

ISO/TR 18196:2016, Nanotechnologies - Measurement technique matrix for the characterization of nano-objects, $240.00

ROAD VEHICLES (TC 22)

ISO/TR 17950:2016, Impact test procedures for road vehicles - Rear seat positioning procedures for Hybrid III 5th percentile female dummy, $88.00

ISO Technical Specifications

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/TS 10303-1232:2014, Industrial automation systems and integration - Product data representation and exchange - Part 1232: Application module: Design materials aspects, $88.00

ISO/TS 10303-1310:2014, Industrial automation systems and integration - Product data representation and exchange - Part 1310: Application module: Draughting element, $88.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC 62680-1-2 Ed. 1.0 en:2016, Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification, $411.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61987-15 Ed. 1.0 b:2016, Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 15: Lists of properties (LOPs) for level measuring equipment for electronic data exchange, $230.00

INSULATION CO-ORDINATION FOR LOW-VOLTAGE EQUIPMENT (TC 109)

IEC 60664-SER Ed. 1.0 b:2016, Insulation coordination for equipment within low-voltage systems - ALL PARTS, $1153.00

POWER ELECTRONICS (TC 22)

IEC 61204-7 Ed. 2.0 en:2016, Low-voltage switch mode power supplies - Part 7: Safety requirements, $906.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-35 Ed. 5.1 b:2016, Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters, $230.00

IEC 60335-2-35 Amd.1 Ed. 5.0 b:2016, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters, $17.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 61636 Ed. 1.0 en:2016, Software interface for Maintenance Information Collection and Analysis (SIMICA), $206.00

IEC 63055 Ed. 1.0 en:2016, Format for LSI-Package-Board Interoperable design, $411.00

IEC 61636-1 Ed. 1.0 en:2016, Software interface for maintenance information collection and analysis (SIMICA): Exchanging test results and session information via the extensible markup language (XML), $351.00

IEC 61636-99 Ed. 1.0 en:2016, Software Interface for Maintenance Information Collection and Analysis (SIMICA): Common Information Elements, $303.00

IEC Technical Reports

ENVIRONMENTAL STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 111)

IEC/TR 62936 Ed. 1.0 en:2016, Test method development - Guidelines for substance selection, $85.00

IEC Technical Specifications

EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC/TS 62056-8-20 Ed. 1.0 en:2016, Electricity metering data exchange - The DLMS/COSEM suite - Part 8-20: Mesh communication profile for neighbourhood networks, $182.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

ISSQUARED

Public Review: August 26 to November 26, 2016

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

INCITS Executive Board – ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

Call for Members

AAMI Standards

Please note that AAMI is currently undertaking reaffirmations of several standards to keep their American National Standard status. These standards are also being revised at the IEC level and therefore, AAMI will be initiating revisions of most of these standards soon and confirming adoptions of the international standards as American National Standards. We are looking for further participation from U.S. members, especially for those who are not manufacturers of the devices. If you are interested in working on the standards committees to develop U.S. positions and review documents for U.S. audience, we would welcome your participation. The standards of note are

AAMI BP22:1994, Blood pressure transducers;

AAMI/IEC 60601-2-25:2011, Particular requirements for the basic safety and essential performance of electrocardiographs;

AAMI/IEC 60601-2-27:2011, Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment; and

AAMI/IEC 60601-2-47:2012, Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems.

Participation from the users of these equipments is being sought. Please contact Hae Choe at AAMI (hchoe@aami.org) to get involved or for more information.

ANSI Accredited Standards Developers

Approval of Reaccreditation

MHI – The Industry That Makes Supply Chains Work, and ASC MHC – Unit Loads & Transport Packages; Pallets, Slip Sheets and Other Bases for Unit Loads

The reaccreditations of MHI – The Industry That Makes Supply Chains Work, an ANSI Member and Accredited Standards Developer, and its sponsored Accredited Standards Committee MHC, Unit Loads & Transport Packages; Pallets, Slip Sheets and Other Bases for Unit Loads, have been approved at the direction of ANSI's Executive Standards Council under their recently revised operating procedures for documenting consensus on MHI and ASC MHC-sponsored American National Standards, effective November 15, 2016. For additional information, please contact: Mr. Patrick Davison, Director, Standards, MHI, 8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217; phone: 704.676.1190; e-mail: pdavison@mhi.org.

International Organization for Standardization (ISO)

Calls for U.S. TAG Administrators

ISO/TC 87 – Cork

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 87 and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Portugal (IPQ).

ISO/TC 87 operates under the following scope:

Standardization in the field of cork, both the raw material and products manufactured and prepared from cork.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's Kemi Allston at kallston@ansi.org.

ISO/TC 114 – Horology Subcommittees

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 114/SC 3 – Water-resistant watches and ISO/TC 114/SC 12 – Antimagnetism and therefore ANSI is not a member of these committees. The Secretariats for these committees are held by Switzerland (SNV) for ISO/TC 114/SC 3 and Japan (JISC) for ISO/TC 114/SC 12.

ISO/TC 114/SC 3 and ISO/TC 114/SC 12 operates within the scope of ISO/TC 114:

Standardization in the field of instruments of small and large size intended for measuring time and time keeping:

- terminology;
- technical definitions;
- standardization of overall dimensions;
- any other questions which may be proposed in the future.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG for any of these committees should contact ANSI's Kemi Allston at kallston@ansi.org.

ISO/TC 120/SC 3 – Leather products

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 120/SC 3 and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by India (BIS).

ISO/TC 120/SC 3 operates under the following scope:

Development of standards in the field of Leather products within the scope of ISO/TC 120:

Standardization in the field of:

- raw hides and skins including pickled pelts;
- tanned hides and skins and finished leather;
- leather products (including methods of test for leather products).

Excluded:

- methods of test in the field of raw hides and skins, including pickled pelts, tanned hides and skins and finished leather, which is the field of the IULTCS (see Note);
- footwear, which is the field of work of ISO/TC 216;
- protective clothing and equipment, which is the field of work of ISO/TC 94.

NOTE:

The International Union of Leather Technologists and Chemists Societies (IULTCS) is the international standardizing body responsible for the development of International Standards defining methods of test for leather other than made-up articles.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's Kemi Allston at kallston@ansi.org.

International Workshop Agreement Proposal

Resource-Oriented Sanitation Systems

Comment Deadline: December 1, 2016

ANSI, working with the Bill and Melinda Gates Foundation, intends to submit to ISO an International Workshop Agreement Proposal on the subject of community based resource oriented sanitation treatment systems, with the following scope statement:

The goal of this International Workshop Agreement is to provide an efficient starting point for international standardization on a system to safely process human waste and possibly household waste and recover valuable resources such as water, energy, and/or nutrients through economically sustainable technologies in an off-grid and non-sewered environment.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org) with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on December 1, 2016.

Meeting Notice

U.S. TAG to TC 301 – Energy Management and Energy Savings

The U.S. TAG to TC 301, Energy Management and Energy Savings, will be meeting at 1899 L St NW, Washington, DC 20036 on November 29-30, 2016.

The meeting will be to review the international comments on documents including ISO CD2 50001 and finalize the U.S. positions for the upcoming Working Group meetings in January 2017.

Anyone interested in attending should contact Deann Desai at deann.desai@gatech.edu or Melody McElwee at melody.mcelwee@innovate.gatech.edu. We welcome participation in this session.

ANSI Z133-2012 – Safety Requirements for Arboricultural Operations

Proposed Revisions – Public Review:
18 November – 18 December

Forward comments to Tricia Duzan at the International Society of Arboriculture (tduzan@isa-arbor.com) no later than 18 December 2016.

NOTE: Black strike-through indicates proposed deletion of text. Proposed new language is indicated in red.

3.4 Job Briefing and Worksite Set-up

Revised Section 3.4.2:

3.4.2 Before **digging**, underground utilities shall be marked by utility-locating services. ~~Before underground work is performed, underground utilities shall be marked by utility-locating services.~~

Revised Section 3.4.6 – 3.4.6.2:

3.4.6 When dropping or lowering trunks, branches, fruit or equipment, a landing area (**drop zone**) should be designated.

3.4.6.1 People and valuable objects shall be protected or excluded from the drop zone when active.

3.4.6.2 A visible drop zone may be designated as an aid to avoidance of falling objects.

Revised Section 3.4.9:

3.4.9 When definite indicators of decay, weakly attached branches, or dead bark are seen, the qualified arborist shall determine if the tree can withstand the forces to be applied during the work. ~~If readily identifiable warning signs such as fruiting bodies, conks, dead sections, sloughing bark and/or cavities, are detected visually, the qualified arborist shall then take further steps to determine if the tree is safe enough to work on.~~

4 ELECTRICAL HAZARDS

4.1 General

Revised Section 4.1.9:

4.1.9 Climbers' body, gear, and their conductive equipment ~~tools~~ shall be maintained at the required ~~distance~~ MAD or greater, shown in Table 1, 2, or 3, as applicable.

4.3 Working in Proximity to Electrical Hazards – Utility Line Clearance (1910.269)

Revised Section 4.3.12:

4.3.12 If the minimum approach distance (shown in Table 3) cannot be maintained ~~with the use of insulated tools~~ during the arboricultural operations, the qualified line-clearance arborist shall request that the **electrical system owner's/operator's** designated supervisor in charge coordinate communications and operations between the electrical system owner/operator and the qualified line-clearance arborist to **mitigate** the electrical hazard. Mitigation options should include all safe, OSHA-compliant, and practical work methods, and, where necessary, **de-energizing**, **testing,** isolating, and grounding the electrical conductors by the electrical system owner/operator (see Annex H). The designated electrical system owner/operator employee and the designated qualified line-clearance arborist in charge shall confirm that protective ground(s) have been installed as

close as practical to the **line clearance** work to be performed to prevent hazardous differences in electrical potential.

Revised Section 4.3.14:

4.3.14 Branches and other parts of trees within the minimum approach distances (MAD) which have been browned or charred by past electrical arcing or contact, should be treated with caution. ~~considered likely to become re-energized without warning and thus should be treated as energized. Climbing trees in such condition should be avoided.~~ The following steps should be followed when this condition is present:

(a) Climbing of trees in such condition should be assessed by a qualified line clearance arborist and supervisor to determine whether or not an electrical hazard exists and mitigation is necessary before performing arboricultural operations.

(b) The arborist in charge shall establish a plan to safely manage the work.

(c) Work strategies, in accordance with contract employer and host utility work rules, shall be employed so that each employee of the contract employer and the host employer is protected (see 4.3.12 and Annex H on determining electric hazard mitigation plan).

5 SAFE USE OF VEHICLES, MOBILE AND TOWED EQUIPMENT USED IN ARBORICULTURE

5.1 Vehicles and Mobile Equipment

Revised Section 5.1.15:

5.1.15 When performing maintenance or repairs, except where manufacturers' procedures require otherwise,

(a) equipment shall be turned off;

(b) keys shall be removed from the ignition;

(c) all rotating parts and moving parts shall be stopped and secured, if applicable; and

~~(d) all sources of **stored energy** shall be verified to be released.~~

(d) all sources of energy, including, but not limited to: mechanical, electrical, hydraulic, pneumatic, chemical, and thermal energy shall be verified to be released.

Defects or malfunctions affecting the safe operation of equipment shall be corrected before such equipment is placed into use (see Annex C, General Safety Procedures That Apply to All Tree Work).

Revised Section 5.1.22:

5.1.22 Drivers shall know and not exceed the Gross Vehicle Weight Rating (GVWR) and/or Gross Combination Weight Rating (GCWR) of any vehicle and towed equipment prior to moving the equipment.

Revised Section 5.1.23:

5.1.23 Drivers shall know the height of the vehicle and any towed equipment prior to moving the vehicle or towed equipment and shall not attempt to drive under structures lower than the vehicle height.

5.2 Aerial Devices

Revised Section 5.2.14:

5.2.14 Before moving an aerial device for travel, the operator shall inspect the aerial device to ensure the boom(s) are ~~properly~~ cradled and secured, ~~if applicable, all~~ the tools are secured, and the outriggers are stowed or positioned for travel per manufacturer specifications.

Revised Section 5.2.27 (formerly 5.2.31):

5.2.27 Aerial devices equipment with an elevating structure that raises the turret and booms and changes the reach of the device's uninsulated portions shall be operated so that ~~the uninsulated portions maintain MAD from energized electrical lines~~ no portion of the aerial devices and its elevating structure violate MAD from energized electrical lines as specified in this standard. A **spotter(s)** shall be used when the aerial lift is working close to MAD and potentially could violate MAD. ~~Arborists and other workers shall use spotters, when necessary, and keep workers on the ground clear of the vehicle and attachments, should MAD be violated.~~

New Section 5.2.27.1:

5.2.27.1 When MAD is likely to be violated, the spotter(s) shall warn the equipment operator and other ground personnel, if present, and direct ground personnel to keep clear of the vehicle and attachments until MAD is visually established and communicated.

5.5 Stump Grinders

Revised Section 5.5.8:

5.5.8 On equipment with remote controls, the operator shall remain a safe working distance as established by the employer or manufacturer, and clear of the materials being discharged and the cutting wheel while it is engaged, rotating, or grinding.

6 PORTABLE POWER HAND TOOLS

6.1 General

Revised Section 6.1.3:

6.1.3 The employer should follow the manufacturer's operating, maintenance, and safety instructions, unless the employer demonstrates a greater hazard is posed by following the manufacturer's instructions. ~~Manufacturers' operating, maintenance, and safety instructions shall be followed unless the employer demonstrates a greater hazard is posed.~~

8.7 Brush Removal and Chipping

8.8 Limbing and Bucking

Revised Section 8.8.2:

8.8.2 When more than one worker is involved in limbing, bucking, and moving debris from a tree, each shall be positioned and their duties organized so that the actions of one worker will not create a hazard for any other worker. Only one worker shall be cutting a single tree or single tree part during the limbing and bucking process.

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B.4.3.1 Swimming pool/spa/hot tub filter applications

Tap water with 0.04 ± 0.01 lb (~~4.8 ± 1 g~~) of ball clay21, 189 mg baby oil22, and 0.04 ± 0.01 lb (~~4.8 ± 1 g~~) of diatomaceous earth (for non DE filters) added for every gallon per minute of flow rate at which the filter is tested (4.8 ± 1g of ball clay, 50 mg of baby oil, and 4.8±1 g of diatomaceous earth added for every liter per minute). No diatomaceous earth is added to the challenge slurry when testing a diatomite-type filter.

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N.2.3.3.1 Monitor display accuracy

When testing the ORP probe, the alkalinity should be in the range of 80 – 120 ppm and a pH of 7.5 ± 0.2 throughout all tests. The temperature should remain constant (room temperature) throughout the duration of all of the tests ± 3 °F.

a) Weigh 0.20 g of 5% sodium hypochlorite solution. Quantitatively transfer to a 1 L volumetric flask and dilute to volume using de-ionized water. The resulting stock solution should contain approximately 10 ppm available chlorine.

b) Volumetrically dilute the stock sodium hypochlorite solution by the appropriate proportions to give the following four solutions: 1 ppm, 3 ppm, 5 ppm, and 7 ppm chlorine.

c) Place ~~three~~ four ORP sensors in the solution in b) and connect them to the displays/automated controllers, or place the influent tubes from ~~three~~ four controllers in the solution, (actual samples under test, so that there will be ~~three~~ four independent senor/display setups. Calibrate them per the manufacturer's instructions.

d) At each concentration record the readings of the ~~three~~ four ORP sensors. Calculate the average of the readings at each concentration.

BSR/UL 60745-2-13, Standard for Safety for Hand-Held Motor-Operated Electric Tools – Safety – Part 2-13: Particular Requirements for Chain Saws

1. Deletion of Clause 1DV, 2DV And Revision To Clause 8.1DV To Remove The Reference To CSA Z62.1 And Class 2C Chain Saws

1 Scope

This clause of Part 1 is applicable, except as follows:

Addition:

This standard applies to chain saws for cutting wood and designed for use by one person. This standard does not cover chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine.

This standard does not apply to chain saws for tree service as defined in ISO 11681-2, pole cutters and pruners.

~~**1DV D1 Modification: Add the following to Clause 1 of the Part 2:**~~

~~**For Canada, this standard has been evaluated and is considered to comply with the requirements in CSA Z62.1 for Class 2C chain saws.**~~

2 Normative references

This clause of Part 1 is applicable except as follows:

Addition:

ISO 3864-3[1)]
Graphical symbols - Safety colours and safety signs - Part 3: Design criteria for graphical symbols used in safety signs

ISO 6533:2001
Forestry machinery - Portable chain-saw front hand-guard - Dimensions and clearances

ISO 6534:1992
Portable chain-saws - Hand-guards - Mechanical strength

ISO 7914:2002
Forestry machinery - Portable chain-saws - Minimum handle clearance and sizes

ISO 7915:1991
Forestry machinery - Portable chain-saws - Determination of handle strength

ISO 8334:1985
Forestry machinery - Portable chain-saws - Determination of balance

ISO 9518:1998
Forestry machinery - Portable chain-saws - Kickback test

ISO 10726:1992
Portable chain-saws - Chain catcher - Dimensions and mechanical strength

ISO 11681-2:1998
Machinery for forestry - Portable chain-saws - Safety requirements and testing - Part 2: Chain-saws for tree service

[1)] ISO 3864-3 is currently at the DIS stage.

~~**2DV D1 Modification: Add the following reference to Clause 2 of the Part 2:**~~

~~**CSA Z62.1-11**~~
~~***Chain saws***~~

8.1 Addition:

Chain saws shall be marked with the following:

- maximum length of the guide bar in mm;

- identification of the direction of rotation of the saw chain by a legible and durable mark.

In addition, chain saws shall be marked with safety recommendations and warnings of the following substance which shall be written in one of the official languages of the country in which the tool is to be sold.

- "Wear eye protection" or the sign M004 of ISO 7010 or the sign specified in Annex AA;

- "Wear ear protection" or the sign M003 of ISO 7010 or the sign specified in Annex AA.

A combination of symbols, such as eye, ear and head protection, is allowed.

For chain saws with a degree of protection of less than IPX4:

- "Do not expose to rain" or the symbol specified in Annex AA.

For mains supplied tools:

- "Remove plug from the mains immediately if the cable is damaged or cut" or the symbol specified in Annex AA.

If other symbols are used they shall be in accordance with ISO 3864-3.

8.1DV D1 Modification: Replace Clause 8.1 of this Part 2 with the following:

Chain saws shall be marked with the following:

- maximum length of the guide bar in mm;

- identification of the direction of rotation of the saw chain by a legible and durable mark;

- a bar and chain combination that maintains compliance with the standard.

In addition, chain saws shall be marked with safety recommendations and warnings of the following substance which shall be written in one of the official languages of the country in which the tool is to be sold.

- "Wear eye protection." or the sign M004 of ISO 7010 or the sign specified in Annex AA.

- "Wear ear protection." or the sign M003 of ISO 7010 or the sign specified in Annex AA.

The protection symbols may be modified by combining or adding other personal protective equipment such as head protection, dust mask, etc.

- Contact of the guide bar tip with any object should be avoided. The signs specified in Annex AA may additionally be provided.

- Tip contact can cause the guide bar to move suddenly upward and backward, which can cause serious injury. The signs specified in Annex AA may additionally be provided.

- Always use two hands when operating the chain saw. The signs specified in Annex AA may additionally be provided.

For chain saws with a degree of protection of less than IPX4:

- "Do not expose to rain." or the sign specified in Annex AA may additionally be provided.

For mains supplied tools:

- "Remove plug from the mains immediately if the cable is damaged or cut." The sign specified in Annex AA may additionally be provided.

~~**For Canada, the applicable chain saw classification marking "Class 2C", in accordance with CSA Z62.1, or equivalent, shall be additionally marked on the chain saw.**~~

BSR/UL 153, Standard for Safety for Portable Electric Luminaires

1. Add requirements for instant-start ballast and lampholder compatibility

61.1.2 A portable luminaire with instant-start ballast(s) and bi-pin lampholders shall use only:

a) Ballast(s) marked as Type CC and that comply with Supplement SD of the Standard for Fluorescent-Lamp Ballasts, UL 935, or

b) Lampholders marked with a circle "I" and that comply with Supplement SD of the Standard for Lampholders, UL 496.

2. Add requirements for use of split SPT-2 cords

30.3 An insulating bushing shall be provided where the flexible cord or wiring enters a pendant lampholder or the base or stem of a portable luminaire, and at the ends of metal tubing where the cord or wiring are pulled during the adjustment of the unit.

Exception No. 1: A smooth, metal bushing is able to be used when Type SPT-2, SJ, SV, or heavier cord is used.

Exception No. 2: An insulating bushing is not required with ~~Integral~~ Type SP-1, SP-2, SPT-1, or SPT-2 cord or appliance wiring material complying with Figure 27.1 when:

a) The metal through which the cord passes is not less than 0.042 inch (1.07 mm) thick and the surface is smooth, or the edge of the metal is rolled not less than 120 degrees; or

b) The cord at the point where it passes through the hole is provided with additional insulation that is:

1) Not less than 1/32 inch (0.8 mm) thick;

2) Molded to the cord; and

3) Of rubber for Type SP-1 and SP-2 cord and thermoplastic for Type SPT-1 and SPT-2 cord, and appliance wiring material complying with Figure 27.1.

31.5 ~~Integral~~ Type SP-1, SPT-1, or SPE-1 flexible cord or appliance wiring material in accordance with Figure 27.1, that is located inside a portable luminaire is able to split a maximum of 3 inches (76 mm).

Exception No. 1: The flexible cord is able to be split more than 3 inches when each conductor is enclosed in supplementary insulation for the temperature involved.

Exception No. 2: The flexible cord located within a portable luminaire is able to be split more than 3 inches when the cord is ~~Integral~~ Type SP-2, SPE-2, or SPT-2.

31.7 ~~Integral~~ Type SP-2, SPE-2, or SPT-2 flexible cord located outside the unit may be split ~~as necessary~~, but not more than 3 inches (76 mm), ~~providing that the length of split cord is minimized~~ so as to reduce the risk of being inadvertently snagged.

Exception: Type SP-2, SPE-2, or SPT-2 flexible cord is permitted to be split to any length provided that the individual conductors are twisted or braided together for the length of the split, and either:

a) The invidividual conductors retain a minimum 0.04 inch (1.02 mm) thick insulation without a supplementary sleeve, or

b) A minimum 0.015 inch (0.4 mm) thick sleeve, of any material, is provided over each of the individual conductors.

154.3.1 The results of the test do not meet the intent of the requirement when any of the following conditions occur:

a) The insulation or covering on the flexible cord or wiring is cut or torn.

b) The bushing slides through the hole in the chassis or enclosure.

c) A cemented-on bushing slides on the cord.

d) For a cord or wiring that is not severed at the terminals, strain is placed on internal conductors.

e) For a cord or wiring that is severed at the terminals, there is movement of any of the cord of more than 1/16 inch (1.6 mm) at the points where the connections are made or where the conductors are permanently assembled to the terminals.

159.2.1.1 A 1000 volts plus twice the rated input voltage, 40 - 70 hertz potential shall be applied for 1 minute between primary wiring, including connected components, and any individual outer surface of the sleeving of cord.

Alternatively, the test is permitted to be conducted with a DC potential at 1.414 times the AC potential.

BSR/UL 1004-1, Standard for Rotating Electrical Machines - General Requirements

1. Addition of requirements to address separation of circuits

PROPOSAL

17.5 Machines with multiple circuits ~~or circuits with different potentials~~ shall have suitable separation between circuits in accordance with 20.21.

20.21 Insulated conductors of different circuits ~~or different voltages within the same circuit~~ within a machine shall be separated, including wires within a terminal box or wiring compartment. The separation shall be accomplished by one of the following means:

a) A physical barrier;

b) By clamping, routing or an equivalent means that maintains permanent separation from other circuits; or

c) ~~Providing insulation suitable for the highest voltage rating for each circuit~~ Providing all conductors within the same space (such as a wiring cabinet or junction box) with insulation suitable for the maximum voltage present.

BSR/UL 1063, Standard for Safety for Machine-Tool Wires and Cables

PROPOSALS

Addition of Requirements to Allow the Measured DC Resistance Values to be Adjusted Based on the Construction of the Cable

6.7.3 The DC resistance when measured on a single conductor within a completed ~~A~~ twisted conductor assembly or multiple-conductor cable shall not exceed the value tabulated in Tables 6.9, 6.10, or 6.12 as applicable, for a single conductor multiplied by whichever of the following factors is applicable:

a) Cabled in one layer: 1.02;

b) Cabled in more than one layer: 1.03; or

c) Cabled as an assembly of other pre-cabled units: 1.04

The DC resistance on a straightened single conductor taken from a complete assembly shall not exceed the value tabulated in Tables 6.9, 6.10, or 6.12 as applicable.

BSR/UL 1581, Standard for Safety for Reference Standard for Electrical Wires, Cables, and Flexible Cords

PROPOSAL

Correction to the Metric Conversion of Ohms per 1000 Feet for 25 AWG Conductors at 20°C in Table 30.4

For brevity, only the portions of Table 30.4 being revised are shown below.

Table 30.4

Maximum direct-current resistance of copper conductors, concentric-stranded ASTM Class B with each strand coated with tin or a tin/lead alloy and compressed-stranded ASTM Class B with each strand coated

Size of Conductor	20°C		25°C	
	Ohms per 1000 feet	Ohms per 1000 m	Ohms per 1000 feet	Ohms per 1000 m
30 AWG	116	381	118	387
29	90.5	297	92.3	303
28	72.8	239	74.3	244
27	57.3	188	58.5	192
26	45.8	150	46.7	153
25	36.2	~~199~~ 119	36.9	121