ANSI STANDARDS ACTION

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Contents

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: September 30, 2018

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 413-201x, Standard for Installing and Maintaining Electric Vehicle Supply Equipment (EVSE) (revision of ANSI/NECA 413 -2012)

This standard describes the procedures for installing and maintaining Level 1, Level 2, and Level 3 Electric Vehicle Supply Equipment (EVSE).

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Aga Golriz, (301) 215-4549, Aga.golriz@necanet.org

NSF (NSF International)

Revision

BSR/NSF 455-3-201x (i2r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

This Standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716 Good Manufacturing Practices (GMPs) for cosmetics as well as incorporating additional retailer requirements. It refers to the requirements for GMPs applicable to all cosmetics. It will assist in the determination of adequate facilities and controls for cosmetic manufacture with sufficient quality to ensure suitability for intended use.

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BSR/NSF 455-3-201x (i3r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-3-201x (i4r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-3-201x (i5r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-3-201x (i8r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-4-201x (i2r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)

This Standard is intended to define a standardized approach for auditing to determine the level of compliance of over-the-counter (OTC) drug products to 21 CFR 210 and 211 Good Manufacturing Practices (GMPs) in manufacturing, processing, packing, or holding of drugs for finished pharmaceuticals as well as incorporating additional retailer requirements. It refers to the requirements for GMPs applicable to all OTC drugs. It will assist in the determination of adequate facilities and controls for OTC drug manufacture with sufficient quality to ensure suitability for intended use.

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BSR/NSF 455-3-201x (i10r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-3-201x (i11r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-3-201x (i12r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-3-201x (i13r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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BSR/NSF 455-3-201x (i14r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

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RESNET (Residential Energy Services Network, Inc.)

Addenda

BSR/RESNET/ICC 301-2014 Addendum T-201x, Thermal Distribution System Efficiency (addenda to ANSI/RESNET/ICC 301-2014)

The addendum removes references to hourly simulation and to ASHRAE Standard 152 for the calculation of thermal distribution system efficiency (DSE) from Standard ANSI/RESNET/ICC 301-2014.

Click here to view these changes in full

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/blog/resnet-consensus-standards/

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1004-5-201x, Standard for Safety for Fire Pump Motors (revision of ANSI/UL 1004-5-2016)

The following is proposed: Requirements for motors rated from 601 V to 7.2 kV and greater than 500 hp

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

Comment Deadline: October 15, 2018

AAMI (Association for the Advancement of Medical Instrumentation)

Revision

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 (R2017))

This standard establishes requirements and guidance for considerations to be taken into account in selecting aseptic processing or an SAL for a health care product that cannot be terminally sterilized to achieve an SAL of 10-6.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/public/document?document_id=14794&wg_id=PUBLIC_REV

Order from: Amanda Benedict, (703) 253-8284, abenedict@aami.org

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

ABMA (ASC B3) (American Bearing Manufacturers Association)

Reaffirmation

BSR/ABMA 19.1-2011 (R201x), Tapered Roller Bearings - Radial Metric Design (reaffirmation of ANSI/ABMA 19.1-2011)

This standard covers metric design radial tapered roller bearings of various types, part numbering systems, boundary dimensions, tolerances, and fitting practices.

Single copy price: $85.00

Obtain an electronic copy from: info@americanbearings.org

Order from: info@americanbearings.org

Send comments (with copy to psa@ansi.org) to: jconverse1@nc.rr.com

ASA (ASC S12) (Acoustical Society of America)

New Standard

BSR/ASA S12.60-201x/Part 4, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools - Part 4: Acoustic Standards for Physical Education Teaching Environments (new standard)

Applicable to gymnasia and other physical education learning spaces in permanent schools. This standard includes acoustical performance criteria, and design requirements for gymnasia and other physical education learning spaces. Annex A provides procedures for optional testing to determine conformance with the source background noise requirements and the reverberation time requirements of this standard. Annex B provides commentary information on various paragraphs of this standard. Annex C provides guidelines for controlling reverberation in gymnasia and other physical education spaces. Annex D provides guidelines for controlling background noise in gymnasia and other physical education spaces.

Single copy price: $150.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S638 MONYEAR-201x, Pintle Hitch and Ring for Over-the-Road Towed Implements (new standard)

This standard establishes requirements for a pintle hitching system suitable for use with over-the-road towed implements as defined by ANSI/ASAE S390 (ISO 12934:2013). PTO-driven implements are out of scope of this standard.

Single copy price: $65.00

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)

New Standard

BSR X9.124-5-201x, Format Preserving Encryption of Financial Information - Part 5 (new standard)

Standard X9.124 Parts 1-5 define requirements for using ciphers in Format Preserving Encryption (FPE) modes, and specify approved FPE modes. Using an FPE mode encrypts data strings of a specific length and character set into cipher-text of the same length using the same character set. X9.124 Part 5 will cover FF3, Feistel-Based Mode 3.

Single copy price: $140.00

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

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

ASTM (ASTM International)

Revision

BSR/ASTM D2513-201x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513 -2016)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

AWS (American Welding Society)

New Standard

BSR/AWS B2.1-1-201-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical uphill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

Single copy price: $136.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

BSR/AWS B2.1-1-202-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical downhill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

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BSR/AWS B2.1-1-203-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

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BSR/AWS B2.1-1-204-201x, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill Root with the Balance Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical downhill root with the balance vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

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BSR/AWS B2.1-1-205-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding with E6010 (vertical uphill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

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BSR/AWS B2.1-1-206-201x, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding with E6010 (vertical downhill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

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BSR/AWS B2.1-1-207-201x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

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BSR/AWS B2.1-1-208-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

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Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

BSR/AWS B2.1-1-209-201x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

Single copy price: $136.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)

Revision

BSR/AWS F2.3M-201X, Specification for Transparent Welding Curtains and Screens (revision of ANSI/AWS F2.3M-2011)

This standard informs the reader of reasonable and adequate means, ways and methods for the testing, selection and safe use of transparent welding curtains and screens. These devices are designed to provide outside viewers, at some distance from the welding arc or operation, a safe view of the operation and operator.

Single copy price: $32.00

Obtain an electronic copy from: steveh@aws.org

Order from: Stephen Hedrick, (305) 443-9353, steveh@aws.org

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

AWWA (American Water Works Association)

Revision

BSR/AWWA B304-201x, Liquid Oxygen for Ozone Generation for Water, Wastewater, and Reclaimed Water Systems (revision of ANSI/AWWA B304-2013)

This standard describes liquid oxygen (LOX) for use in the treatment of potable water, wastewater, or reclaimed water.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: AWWA: Vicki David, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

CSA (CSA Group)

New National Adoption

BSR/CSA FC 6-201x, Fuel cell technologies - Part 2: Fuel cell modules (national adoption with modifications of IEC 62282-2-100)

This standard provides the minimum requirements for safety and performance of fuel cell modules; it applies to fuel cell modules with or without an enclosure which can be operated at significant pressurization levels or close to ambient pressure. Deals with conditions that can yield hazards to persons and cause damage outside the fuel cell modules.

Single copy price: Free

Obtain an electronic copy from: david.zimmerman@csagroup.org

Send comments (with copy to psa@ansi.org) to: david.zimmerman@csagroup.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-01B-2000 (R201x), Acceleration Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-01B-2000 (R2012))

This standard establishes test methods to determine the ability of an electrical connector and sockets to withstand a specified acceleration force without damage detrimental to its specified performance.

Single copy price: $78.00

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

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

BSR/EIA 364-07C-2007 (R201x), Contact Axial Concentricity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364 -07C-2007 (R2012))

This standard establishes a test method to determine the straightness of contacts by measuring a total indicator reading (TIR) value. Axial concentricity can be measured after crimping to determine axial deformation.

Single copy price: $78.00

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

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

BSR/EIA 364-22B-2000 (R201x), Simulated Life Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-22B-2000 (R2012))

This standard establishes test methods to determine the adequacy of a connector or socket to perform its operational function on land (general and heavy duty), aircraft, marine, or underwater for the representative time period of application. This method shall not be used prior to low-level measurement per EIA-364-23.

Single copy price: $78.00

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

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

BSR/EIA 364-36B-2006 (R201x), Determination of Gas-Tight Characteristics Test Procedure for Electrical Connectors, and/or Contact Systems (reaffirmation of ANSI/EIA 364-36B-2006 (R2013))

This procedure is to determine the integrity of contacting surfaces (at the mating and/or termination areas) by assessment of the gas-tight characteristics of the contacting surfaces. The gas-tight characteristic simulates the ability of the contacting surfaces to prevent harsh environments from penetrating between them and forming oxides and/or films that will degrade electrical performance. It is recommended for contacts and/or connector (socket) assemblies directly exposed to outside environments or those that are in uncontrolled environments (internal or external to electronic packaging).

Single copy price: $78.00

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

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

GTESS (Georgia Tech Energy & Sustainability Services)

New National Adoption

BSR/GTESS MSE/ISO 50021-201x, Energy management and energy savings - General guidelines for selecting energy savings evaluators (identical national adoption of ISO 50021)

This document specifies general principles and identifies key factors to be considered in the selection of energy savings evaluators who determine energy savings in projects, organizations, and regions. It also defines roles and responsibilities, specifies the required competence, and provides key elements for assessing knowledge and skills of energy savings evaluators. Selection of energy savings evaluators may need to be subject to legal and other requirements.

NOTE: Legal requirements refer to applicable mandatory requirements related to an organization’s energy savings. Other requirements could refer to voluntary agreements, contractual arrangements, or corporate requirements subscribed to by the organization related to energy savings.

Single copy price: Members; of the U.S. TAG to TC 301 receive a copy based on their membership; those who are not members cost $100.00

Obtain an electronic copy from: deann.desai@gatech.edu

Send comments (with copy to psa@ansi.org) to: deann.desai@gatech.edu

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

New Standard

BSR/ASSE 1084-201x, Performance Requirements for Water Heaters Used as Temperature Limiting Devices (new standard)

Water heaters with precise output temperature control under varying flow conditions are used to provide tempered water to the user. As such, they need to limit the maximum temperature of the water in order to minimize the risk of scalding. Water heaters covered by this standard have a cold-water inlet connection, a means of heating the water, a means of controlling the water temperature, a means of limiting the temperature to a maximum of 120°F (48.9°C,) and have an outlet connection to connect to downstream fixture fittings. This water heater is intended to supply tempered water at the point-of-use in order to reduce and control the risks of scalding. This water heater is not intended to limit thermal shock.

Single copy price: Free

Obtain an electronic copy from: http://asse-plumbing.org/pr/1084-2018PR.pdf

Send comments (with copy to psa@ansi.org) to: Conrad Jahrling, conrad.jahrling@asse-plumbing.org. Include "PR1084" in the subject line.

BSR/ASSE 1085-201x, Performance Requirements for Water Heaters Used as Temperature Control Devices for Emergency Equipment (new standard)

This standard is for water heaters with precise setpoint controls under varying flow conditions. This specification is for water heaters for emergency equipment, including eyewash, eye/face wash, emergency showers, and combination units. These devices heat the cold-water supply to an acceptable tepid temperature within the intended range listed in ISEA Z358.1. These electric water heaters have a cold-water inlet connection, a means of heating the waters and controlling the temperature, and an outlet connection to supply tepid water to the emergency equipment. The device shall also have the means to limit the maximum outlet temperature under normal operating conditions. Provisions shall be made so that the temperature setting of the device cannot be inadvertently adjusted.

Single copy price: Free

Obtain an electronic copy from: http://asse-plumbing.org/pr/1085-2018PR.pdf

Send comments (with copy to psa@ansi.org) to: Conrad Jahrling, conrad.jahrling@asse-plumbing.org. Include "PR1085" in the subject line.

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO UMC 1-201x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2018)

This code provides minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of mechanical systems.

Single copy price: $10.00

Obtain an electronic copy from: Hugo.Aguilar@iapmo.org

Order from: Hugo Aguilar, (909) 472-4111, hugo.aguilar@iapmo.org

Send comments (with copy to psa@ansi.org) to: Gabriella Davis, Gaby.Davis@iapmo.org

BSR/IAPMO UPC 1-201x, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2018)

This code provides minimum standards and requirements to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, addition to, use, or maintenance of plumbing systems.

Single copy price: $10.00

Obtain an electronic copy from: Hugo.Aguilar@iapmo.org

Order from: Hugo Aguilar, (909) 472-4111, hugo.aguilar@iapmo.org

Send comments (with copy to psa@ansi.org) to: Gabriella Davis, Gaby.Davis@iapmo.org

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

New Standard

BSR C63.25.1-201x, Standard Validation Methods for Radiated Emission Test Sites, 1 GHz to 18 GHz (new standard)
The purpose of this standard is to describe validation methods of test sites used for radiated emission measurements in the 1 GHz to 18 GHz frequency range as required by ASC C63® standards. The site validation requirements described in this document are applicable to fully anechoic rooms (FAR) and open area test sites (OATS) as well as semi-anechoic chambers (SAC) that are configured with absorber on the ground plane.

Single copy price: $80.00

Obtain an electronic copy from: j.santulli@ieee.org

Send comments (with copy to psa@ansi.org) to: Jennifer Santulli, (732) 562-3874, J.Santulli@ieee.org

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

Revision

BSR N42.38-201x, Standard for Performance Criteria for Spectroscopy-Based Portal Monitors Used for Homeland Security (revision of ANSI N42.38-2015)

To address an observation made by a user of the standard. The observation raised a concern that misunderstandings may occur due to the common use of "tn" for other calculations. To address the concern, "tn" was changed to "p". The value, for the number of trials used in by the standard remains the same.

Single copy price: $52.00 (List); $42.00 (IEEE Membership)

Obtain an electronic copy from: j.santulli@ieee.org

Send comments (with copy to psa@ansi.org) to: j.santulli@ieee.org

NALFA (North American Laminate Flooring Association)

Revision

BSR/NALFA LF-01-201x, Laminate Flooring Specifications and Test Methods (revision of ANSI/NALFA LF-01-2010)
The product standard shall apply to the performance of residential and commercial uses of laminate flooring. The Standard will be useful in guiding/assisting manufacturers and educating suppliers and consumers about the minimum performance of laminate flooring in residential, light commercial, commercial, and heavy commercial settings.
Single copy price: $25.00 (nonmembers); Free (NALFA members)
Obtain an electronic copy from: dgoch@wc-b.com
Order from: David Goch, NALFA, 1747 Pennsylvania Avenue, NW, Suite 1000, Washington, D.C. 20006
Send comments (with copy to psa@ansi.org) to: dgoch@wc-b.com

BSR/NALFA LF-02-201x, Sustainability Assessment of Laminate Flooring (revision of ANSI/NALFA LF-02-2010)
To assist in the clarification, and quantification, of the sustainability, i.e., the "green", properties of consumer, commercial, and industrial laminate flooring.
Single copy price: $25.00 (nonmembers); Free (NALFA members)
Obtain an electronic copy from: dgoch@wc-b.com
Order from: David Goch, NALFA, 1747 Pennsylvania Avenue, NW, Suite 1000, Washington, D.C. 20006
Send comments (with copy to psa@ansi.org) to: dgoch@wc-b.com

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

Revision

BSR/NB-23-201x, National Board Inspection Code (NBIC) (revision of ANSI/NB-23-2017)
NB-23 provides requirements and guidelines for installation, inspection, repair, and alteration of pressure retaining items and pressure relief devices.
Single copy price: $325.00 for digital or hard copy of all 4 parts, $115.00 for an individual part, $435.00 for print and digital copies bundled together
Obtain an electronic copy from: www.nationalboard.org
Order from: Jonathan Ellis (jellis@nationalboard.org)
Send comments (with copy to psa@ansi.org) to: jellis@nationalboard.org

NSF (NSF International)

New Standard

BSR/NSF 600-201x (i1r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (new standard)

The Standard defines the toxicological review and evaluation procedures for the evaluation of substances imparted to drinking water through contact with drinking water system components (and drinking water additives). It is intended to establish the human health risk, if any, of the substances imparted to drinking water under the anticipated use conditions of the product. Table 4.1 of this Standard contains evaluation criteria that have been determined according to the requirements of this Standard.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/44319/600i1r1%20-%20New%20Standard%20-%20JC%20memo%20&%20ballot.pdf

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

OPEI (Outdoor Power Equipment Institute)

New Standard

BSR/OPEI B175.7-201x, Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Pole-Mounted Powered Pruners - Safety and Environmental Requirements (new standard)

This standard gives safety requirements and measures for their verification of the design and construction of portable, hand-held, pole-mounted powered pruners, including extendable and telescopic units, having an integral combustion engine as their power head and using a drive shaft to transmit power to a cutting attachment consisting of a saw chain or a reciprocating or single-piece circular saw blade with a 205-mm (8.1-in) maximum outside diameter. Methods for the elimination or reduction of hazards arising from the use of these units and the type of information on safe working practices to be provided by the manufacturer are specified. This standard deals with all significant hazards, hazardous situations, or hazardous events with the exception of electric shock from contact with overhead electric lines (apart from warnings and advice for inclusion in the instructions), relevant to these units when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

Single copy price: $180.00

Obtain an electronic copy from: gknott@opei.org

Order from: Greg Knott, (703) 549-7600, gknott@opei.org

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

SCTE (Society of Cable Telecommunications Engineers)

New Standard

BSR/SCTE 03-201x, Test Method for Coaxial Cable Structural Return Loss (new standard)

The purpose of this procedure is to provide instructions to measure cable structural return loss (SRL). The cable impedance as a function of frequency is calculated from a vector (magnitude and phase) return loss. The average of this impedance across the desired frequency range is the “cable reference impedance.” The structural return loss is calculated from the cable impedance as a function of frequency and the cable reference impedance. This may be automated, but requires a vector network analyzer, and may be subject to errors due to the cable connection.

Single copy price: $50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

BSR/SCTE 249-201x, Test Method Common Mode Disturbance (new standard)

The purpose of this test is to determine the common mode disturbance generated by power electronics in active CPE equipment. Since conducted disturbances on the AC port is already a part of FCC testing requirements, this method focuses on measurements of the common mode disturbance on the coaxial port. Common mode disturbance from stand-alone power supplies are conducted through a common ground plane on the CPE device to the outer conductor of the coaxial port. Therefore, stand-alone power supplies are also within the scope of this standard.

Single copy price: $50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)

New Standard

BSR/SMACNA 006-201x, HVAC Duct Construction Standards - Metal and Flexible (new standard)

The HVAC Duct Construction Standards - Metal and Flexible is intended for designers, fabricators, and installers of commercial and institutional duct construction projects. The standards contain prescriptive application tables for the fabrication and installation of rigid, flexible, and fabric ducts that are rectangular, round, or flat oval in shape for positive or negative pressures up to 10 inches water gage (2500 Pa). Included are standards for duct liner, hangers, tie rods, joints, leakage class, seal class.

Single copy price: $100.00

Obtain an electronic copy from: https://www.smacna.org/technical

Send comments (with copy to psa@ansi.org) to: Cintamani Sweet; csweet@smacna.org

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 1005-A-2-201x, Telecommunications Infrastructure Standard for Industrial Premises - Addendum 2: Performance requirements for four-pair industrial cables and cabling supporting 1000BASE-T for MICE2 and MICE3 environments (addenda to ANSI/TIA 1005-A-2012)

Create an addendum to ANSI/TIA-1005-A, defining enhanced performance requirements for four-pair industrial cables and cabling supporting 1000BASE-T in MICE2 and MICE3 environments. This addendum will use Connectivity already specified in ANSI/TIA 1005-A.

Single copy price: $64.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

New Standard

BSR/TIA 102.AAAB-B-201x, 102.AAAB-B Security Services Overview (new standard)

This document presents security services that were recommended by TIA to APCO/NASTD/FED as being suitable for use as part of their standard for a digital public safety radio system. This project will support the 5-year revision cycle for the document.

Single copy price: $146.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 102.BAED-A-201x, Packet Data Logical Link Control Procedures (revision and redesignation of ANSI/TIA 102.BAED-2013)

This document specifies the Logical Link Control (LLC) procedures that permit the conveyance of Common Air Interface (CAI) data packets between air-interface endpoints for all packet data configurations. The information necessary to enable interoperable LLC procedures for Packet Data is provided in this document or referenced in other documents as appropriate. The purpose of this revision is to address errata comments on the current published document.

Single copy price: $93.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

BSR/TIA 102.BAEF-A-201x, Packet Data Host Network Interface (revision and redesignation of ANSI/TIA 102.BAEF-2013)

This document specifies the protocols utilized on the Packet Data Host Network Interface which is designated as the Ed Interface in the TIA-102 Open System Interface Model. The information necessary to enable interoperable services and functionality on this interface is provided in this document or referenced in other documents as appropriate. The purpose of this revision is to address errata comments on the current published document.

Single copy price: $73.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61010-2-030-201X, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular Requirements for Equipment Having Testing or Measuring Circuits (national adoption of IEC 61010-2-030 with modifications and revision of ANSI/UL 61010-2-030-2012 (R2016))

Adoption of IEC 61010-2-030, Edition 2.0 (issued 2017-01), Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular Requirements for Equipment Having Testing or Measuring Circuits, as a new IEC-based UL Standard, UL 61010-2-030, Second Edition with US National Differences.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

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

Comment Deadline: October 30, 2018

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

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

Addenda

INCITS 536-2016/AM 1-201x, Information technology - Zoned Block Commands - Amendment 1 (ZBC-AM 1) (addenda to INCITS 536 -2016)

Includes corrections and clarifications to ZBC, including resolution of conflicting additional sense code information.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/group_public/document.php?document_id=100915&wg_abbrev=eb

Order from: https://standards.incits.org/apps/group_public/document.php?document_id=100915&wg_abbrev=eb

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

NALFA (North American Laminate Flooring Association)

New Standard

BSR/NALFA LF-03-201x, Flooring Underlayment Specifications and Test Methods (new standard)

The product standard creates performance standards and test methods for underlayment when used with residential, commercial, and industrial laminate flooring. The standard will be useful in guiding manufacturers of both laminate flooring and underlayments, and educating suppliers, builders, and consumers about the minimal performance requirements of underlayment in residential, light commercial, commercial, and industrial laminate flooring use settings.

Single copy price: $25.00 (nonmembers); Free (NALFA members)

Obtain an electronic copy from: dgoch@wc-b.com

Order from: David Goch, NALFA, 1747 Pennsylvania Avenue, NW, Suite 1000, Washington, D.C. 20006

Send comments (with copy to psa@ansi.org) to: dgoch@wc-b.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2904-201x, Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers (new standard)

This proposed First Edition of the Standard for Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers, UL 2904, presents methodologies for characterizing and quantifying coarse, fine, and ultrafine particles and volatile organic compound (VOC) emissions from operating 3D printers under normal conditions of use.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Barbara Davis, (510) 319-4233, Barbara.J.Davis@ul.com

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:

NENA (National Emergency Number Association)

BSR/NENA-STA-021.1-201X, Monitoring and Managing NG9-1-1 (new standard)

Inquiries may be directed to Roger Hixson, (202) 618-4405, standardscoord@nena.org

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 Drive, Suite 301
Arlington, VA 22203-1633

Contact: *Amanda Benedict*

Phone: (703) 253-8284

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 (R2017))

ASA (ASC S12) (Acoustical Society of America)

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

Contact: *Caryn Mennigke*

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S12.60-201x/Part 4, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools - Part 4: Acoustic Standards for Physical Education Teaching Environments (new standard)

ASA (ASC S2) (Acoustical Society of America)

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

Contact: *Caryn Mennigke*

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S2.75-201x/Part 3, Shaft Alignment Methodology - Part 3: Machines with Vertically Oriented Shafts (new standard)

ECIA (Electronic Components Industry Association)

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

Contact: *Laura Donohoe*

Phone: (571) 323-0294

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-29D-201x, Contact Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-29C-2006 (R2013))

BSR/EIA 364-01B-2000 (R201x), Acceleration Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-01B-2000 (R2012))

BSR/EIA 364-07C-2007 (R201x), Contact Axial Concentricity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364 -07C-2007 (R2012))

BSR/EIA 364-22B-2000 (R201x), Simulated Life Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-22B-2000 (R2012))

BSR/EIA 364-36B-2006 (R201x), Determination of Gas-Tight Characteristics Test Procedure for Electrical Connectors, and/or Contact Systems (reaffirmation of ANSI/EIA 364-36B-2006 (R2013))

GTESS (Georgia Tech Energy & Sustainability Services)

Office: 75 Fifth Street N.W
Suite 300
Atlanta, GA 30332-0640

Contact: *Deann Desai*

Phone: (770) 605-4474

E-mail: deann.desai@innovate.gatech.edu

BSR/GTESS MSE/ISO 50021-201x, Energy management and energy savings - General guidelines for selecting energy savings evaluators (identical national adoption of ISO 50021)

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

Office: 1101 K Street, NW
Suite 610
Washington, DC 20005-3922

Contact: *Barbara Bennett*

Phone: (202) 737-8888

E-mail: comments@standards.incits.org

INCITS 536-2016/AM 1-201x, Information technology - Zoned Block Commands - Amendment 1 (ZBC-AM 1) (addenda to INCITS 536 -2016)

INCITS 563-201x, Information technology - Fibre Channel Protocol for SCSI (FCP-5) (new standard)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: *Aga Golriz*

Phone: (301) 215-4549

E-mail: Aga.golriz@necanet.org

BSR/NECA 413-201x, Standard for Installing and Maintaining Electric Vehicle Supply Equipment (EVSE) (revision of ANSI/NECA 413-2012)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723

Contact: *Rachel Brooker*

Phone: (734) 827-6866

E-mail: rbrooker@nsf.org

BSR/NSF 455-3-201x (i14), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i5r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i6r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i7r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i8r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i9r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-4-201x (i5r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)

BSR/NSF 455-4-201x (i6r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)

BSR/NSF 455-4-201x (i7r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)

BSR/NSF 455-3-201x (i10r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i11r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i12r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-3-201x (i13r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)

BSR/NSF 455-4-201x (i10r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)

BSR/NSF 455-4-201x (i11r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)

BSR/NSF 455-4-201x (i12r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)

BSR/NSF 600-201x (i1r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (new standard)

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314

Contact: *Greg Knott*

Phone: (703) 549-7600

E-mail: gknott@opei.org

BSR/OPEI B175.7-201x, Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Pole-Mounted Powered Pruners - Safety and Environmental Requirements (new standard)

RESNET (Residential Energy Services Network, Inc.)

Office: 4867 Patina Court
Oceanside, CA 92057

Contact: *Richard Dixon*

Phone: (760) 408-5860

E-mail: rick.dixon@resnet.us

BSR/RESNET/ICC 301-2014 Addendum T-201x, Thermal Distribution System Efficiency (addenda to ANSI/RESNET/ICC 301-2014)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

E-mail: standards@tiaonline.org

BSR/TIA 102.AAAB-B-201x, 102.AAAB-B Security Services Overview (new standard)

BSR/TIA 102.BAEF-A-201x, Packet Data Host Network Interface (revision and redesignation of ANSI/TIA 102.BAEF-2013)

BSR/TIA 102.BAED-A-201x, Packet Data Logical Link Control Procedures (revision and redesignation of ANSI/TIA 102.BAED-2013)

BSR/TIA 1005-A-2-201x, Telecommunications Infrastructure Standard for Industrial Premises - Addendum 2: Performance requirements for four-pair industrial cables and cabling supporting 1000BASE-T for MICE2 and MICE3 environments (addenda to ANSI/TIA 1005-A -2012)

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)

Reaffirmation

ANSI/AAMI ST8-2013 (R2018), Hospital steam sterilizers (reaffirmation of ANSI/AAMI ST8-2013): 8/17/2018

ANSI/AAMI/ISO 13408-7-2012 (R2018), Aseptic processing of health care products - Part 7: Alternative processes for atypical medical devices and combination products (reaffirmation of ANSI/AAMI/ISO 13408-7-2012): 8/17/2018

AGSC-AGRSS

Revision

ANSI/AGSC/AGRSS 004-2018, Auto Glass Safety Council/Automotive Glass Replacement Safety Standard (revision and redesignation of ANSI/AGSC/AGRSS 003-2015): 8/23/2018

ALI (ASC A14) (American Ladder Institute)

New Standard

* ANSI A14.1-2018, Portable Wood Ladders (new standard): 8/23/2018

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME Y14.34-2013 (R2018), Associated Lists (reaffirmation of ANSI/ASME Y14.34-2013): 8/21/2018

Revision

ANSI/ASME B30.24-2018, Container Cranes (revision of ANSI/ASME B30.24-2013): 8/21/2018

Stabilized Maintenance

ANSI/ASME B5.48-1977 (S2018), Ball Screws (stabilized maintenance of ANSI/ASME B5.48-1977 (R2013)): 8/21/2018

ANSI/ASME B5.55M-1994 (S2018), Specification and Performance Standard, Power Press Brakes (stabilized maintenance of ANSI/ASME B5.55M-1994 (R2013)): 8/21/2018

ANSI/ASME Y32.18-1972 (S2018), Symbols for Mechanical and Acoustical Elements as Used in Schematic Diagrams (stabilized maintenance of ANSI/ASME Y32.18-1972 (R2013)): 8/21/2018

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

ANSI ATIS 0300217-2013 (R2018), Integrated Service Digital Network (ISDN) Management - Primary Rate Physical Layer (reaffirmation of ANSI ATIS 0300217-2013): 8/23/2018

Revision

ANSI/ATIS 0300247-2018, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Performance Management Functional Area Services and Information Model for Interfaces between Operations Systems and Networks (revision of ANSI ATIS 0300247 -2013): 8/22/2018

ANSI/ATIS 0600015.07-2018, Energy Efficiency for Telecommunication Equipment - Methodology for Measurement and Reporting - Wireline Access, Asymmetric Broadband Equipment (revision of ANSI ATIS 0600015.07-2013): 8/22/2018

AWS (American Welding Society)

New Standard

ANSI/AWS D16.6M/D16.6-2018, Specification for Robot Arc Welding Training and Testing Cell (new standard): 8/22/2018

ICC (International Code Council)

New Standard

ANSI/CSA B805/ICC 805-2018, Standard for Rainwater Collection System Design and Installation (new standard): 8/17/2018

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 802.11-2016, Standard for Information technology - Telecommunications and information exchange between systems Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications (new standard): 8/17/2018

NEMA (ASC C119) (National Electrical Manufacturers Association)

Revision

ANSI C119.5-2018, Insulation Piercing Connector Systems, Rated 600 Volts or Less (Low-Voltage Aerial Bundled Cables and Insulated and Non-Insulated Line Wires) (revision of ANSI C119.5-2009): 8/21/2018

NSF (NSF International)

New Standard

ANSI/NSF 455-1-2018 (i1r2), Terminology for the NSF 455 Portfolio of Standards (new standard): 8/20/2018

Revision

ANSI/NSF 173-2018 (i79r1), Dietary Supplements (revision of ANSI/NSF 173-2017): 8/13/2018

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 7007-2018, Standard for Sustainability for Microwave Oven Appliances (new standard): 8/16/2018

Revision

ANSI/UL 507-2018a, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2017d): 8/15/2018

ANSI/UL 507-2018b, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2017d): 8/15/2018

ANSI/UL 698A-2018a, Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (revision of ANSI/UL 698A-2018): 8/21/2018

ANSI/UL 817-2018, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2017): 8/20/2018

ANSI/UL 1278-2018, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278 -2017): 8/20/2018

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. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS

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.

AAFS (American Academy of Forensic Sciences)

Contact: Teresa Ambrosius, (719) 453-1036, tambrosius@aafs.org
410 North 21st Street, Colorado Springs, CO 80904

New Standard

BSR/ASB Std 045-201x, Standard for Stature Estimation from Human Remains (new standard)

Stakeholders: Forensic anthropologists working with complete or partial skeletal remains.

Project Need: There are no publicly available standards on this topic. Stature is one of several biological parameters that can be estimated from skeletal remains or radiographic images of skeletal remains. This document is intended to assist forensic anthropologists when estimating stature from complete or partial skeletal remains.

Stature is one of several biological parameters that can be estimated from skeletal remains or radiographic images of skeletal remains. This standard describes methods for estimating stature from skeletal elements when disarticulation has occurred rendering measured cadaver length unreliable. The methods in this standard are intended to provide a mathematically based systematic manner of estimating stature and documenting the stature estimation process.

BSR/ASB Std 090-201x, Standard for Sex Estimation in Forensic Anthropology (new standard)

Stakeholders: Forensic anthropologists and the medicolegal community.

Project Need: The anticipated outcome of adopting and using this document is that the estimation of sex will follow acceptable practices. Currently, there are no standards for sex estimation in human skeletal remains. This document fills that gap.

This standard sets forth methods for estimating sex from adult skeletal elements obtained directly from skeletal remains or radiographic images of skeletal remains. The methods in this standard provide a morphologically based or mathematically based systematic manner for estimating sex, and for documenting the sex estimation process. This document does not include sex estimation in skeletal elements from subadults or through DNA analysis.

BSR/ASB Std 099-201x, Standard for Footwear/Tire Examination Proficiency Testing Program (new standard)

Stakeholders: Forensic science service providers, external and internal proficiency test developers, forensic science practitioners, and quality assurance managers.

Project Need: Proficiency tests in footwear/tire examination have traditionally not been representative of casework both in the samples submitted and the reporting standards. This document seeks to address those concerns.

This standard outlines the requirements for proficiency test providers and forensic science service providers (FSSP) for creating proficiency tests appropriate for use by a Footwear/Tire FSSP. The standard also provides recommendations for testing frequency. The guidance provided is primarily concerned with the discipline level content and the FSSP's ability to perform work and not organizational compliance.

ANS (American Nuclear Society)

Contact: Kathryn Murdoch, (708) 579-8268, kmurdoch@ans.org
555 North Kensington Avenue, La Grange Park, IL 60526

Revision

BSR/ANS 51.10-201x, Auxiliary Feedwater System for Pressurized Water Reactors (revision of ANSI/ANS 51.10-1991 (R2018))

Stakeholders: Nuclear utilities/owner-operators, architect/engineers, NSSS vendors, consultants, regulatory authorities, plant constructors, and nuclear industry organizations.

Project Need: Request revision due to comments received from reaffirmation process.

This standard specifies updated design requirements for the Auxiliary Feedwater System including system functions, performance requirements, and system description.

ASA (ASC S2) (Acoustical Society of America)

Contact: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org
1305 Walt Whitman Road, Suite 300, Melville, NY 11747

New Standard

BSR/ASA S2.75-201x/Part 3, Shaft Alignment Methodology - Part 3: Machines with Vertically Oriented Shafts (new standard)

Stakeholders: Owners and users of rotating machines, engineering and architectural companies, coupling manufacturers, alignment measurement tooling manufacturers, training organizations, service companies, trade unions and schools, alignment correction product manufacturers.

Project Need: There is currently no industry standard for shaft alignment methods or metrics (per US DOE Nov. 2012). Shaft alignment of rotating machinery is a required assembly, maintenance, and corrective practice in every industry necessary to commission, safely operate and extend the useful life of machines. The lack of standards creates the environment where neither the provider nor user of services has a defensible position or common reference.

Establishes procedures and tolerances for machines with vertically oriented shafts to ensure that such machines will not incur premature failure due to misalignment of the drive shaft to the driven shaft.

ASABE (American Society of Agricultural and Biological Engineers)

Contact: Carla VanGilder, (269) 932-7015, vangilder@asabe.org
2950 Niles Road, Saint Joseph, MI 49085

New National Adoption

BSR/ASABE/ISO 20383-201x MONYEAR, Tractors and Machinery for Agriculture and Forestry - Speed Identification Sign (SIS) (identical national adoption of ISO 20383:2017)

Stakeholders: Equipment manufacturers, equipment users.

Project Need: ISO 20383 was based on ANSI/ASAE S584.3-JAN2013 (R2017). The identical adoption of the ISO and the withdrawal of S584.3 will further harmonize national and international standardization.

This standard specifies the dimensions, characteristics, and positioning of Speed Identification Signs (SIS). These signs indicate the maximum equipment ground speed, based on the ground speed design capability, for an agricultural vehicle. A rear-facing SIS is visible to other operators on public roads approaching the equipment from behind. A forward-facing SIS, mounted on the front of towed equipment, alerts operators of the towing vehicle of the maximum specified ground speed capabilities at which the equipment combination can be operated. This document is applicable to self-propelled, semi-integral, and towed equipment moving on public roads.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Contact: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org
275 West Street, Suite 107, Annapolis, MD 21401

New National Adoption

BSR X9.134-1-201x, Mobile Banking/Payments (national adoption with modifications of ISO 12812 Part 1)

Stakeholders: Global card networks, financial institutions, card issuers, acquirers, merchants, and others.

Project Need: It is important to build a domestic standard for Mobile Financial Services ("MFSs") based on common terminology and basic principles for the design and operation of MFSs. The aim of proposed X9.134 is to:
– define components and their interfaces as well as roles necessary to operate MFSs according to identified use cases, and
– identify existing standards on which MFSs should be based, and possible gaps.

This initial part of the proposed Standard (X9.134 – Part 1) will provide the General Framework for mobile banking/payments, including a comprehensive list of terms and definitions for use throughout the entire American National Standard. NWIPs for other parts of the overall Standard will be submitted separately in order to ensure that all stakeholders have an opportunity to provide input on the mobile payment functionalities that most directly affect them. Thus, Part 1 provides an overview that every implementer of mobile financial services should use regardless of the type of application it is developing or using operationally. Although Part 1 itself contains no "requirements," it does speak to general principles for how the other four parts interact with one another and provides guidance on how mobile financial services should operate (along with background information explaining how and/or why some services operate the way they do in today's payment environment). As such, Part 1 is intended to "set the stage" for everyone who uses the American National Standard.

ASME (American Society of Mechanical Engineers)

Contact: Mayra Santiago, (212) 591-8521, ansibox@asme.org
Two Park Avenue, New York, NY 10016-5990

Revision

BSR/ASME B1.1-201x, Unified Inch Screw Threads (UN and UNR Thread Form) (revision of ANSI/ASME B1.1-2003 (R2008))

Stakeholders: Aerospace and automotive manufacturing, manufacturing for the medical industry, industrial manufacturing, government/Federal applications.

Project Need: Revise the Standard to conform to up-to-date practices and correct editorial errors. Also, consolidating the ASME B1.15-1995 UNJ Thread forms into the updated new B1.1.

This Standard specifies the thread form, series, class, allowance, tolerance, and designation for unified screw threads. Several variations in thread form have been developed for unified threads; however, this Standard covers only UN, UNR, and UNJ thread forms.

ECIA (Electronic Components Industry Association)

Contact: Laura Donohoe, (571) 323-0294, ldonohoe@ecianow.org
2214 Rock Hill Road, Suite 265, Herndon, VA 20170-4212

Revision

BSR/EIA 364-29D-201x, Contact Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364 -29C-2006 (R2013))

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This standard establishes a test method to impose axial forces on the connector contacts to determine the ability of the connector to withstand forces that tend to displace contacts from their proper location within the connector insert and resist contact pullout. These forces may be the result of:
- loads on wire connected to the contacts;
- forces required to restrict contact push-through during assembly of removable-type contacts into connector inserts;
- forces produced by mating contacts during connector mating;
- dynamic forces produced by vibration and shock during normal use of the connectors; and
- forces relating to bundling strains on the wire.

EIMA (EIFS Industry Members Association)

Contact: David Johnston, (703) 538-1616, djohnston@eima.com
513 West Broad Street, Suite 210, Falls Church, VA 22046-3257

New Standard

BSR/EIMA 99 A.9-201x, Standard Tests for Air/Water-Resistive Barrier (WRB) Coatings (new standard)

Stakeholders: General contractors, building owners, installers of air/water-resistive barriers, architects, construction material distributors, manufacturers of air/water-resistive barriers, and building inspectors.

Project Need: The air/water-resistive barrier is intended to provide additional protection to the building and its contents from incidental air and moisture entry that may occur through the building envelope. Although protected from direct weather exposure after the cladding is installed, the coating must be durable and weather resistant as it is subjected to various environmental conditions prior to application of the cladding as well as while the system is in service. The proposed standard will establish a series of tests to ensure that the air/water-resistive barrier can perform when subject to physical and environmental conditions.

The proposed standard will establish a series of tests to provide a means to evaluate performance of the air/water-resistive barrier coating when subjected to various physical and environmental conditions.

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

Contact: Barbara Bennett, (202) 737-8888, comments@standards.incits.org
1101 K Street, NW, Suite 610, Washington, DC 20005-3922

New Standard

INCITS 563-201x, Information technology - Fibre Channel Protocol for SCSI (FCP-5) (new standard)

Stakeholders: ICT industry.

Project Need: The project will include modifications and clarifications to FCP-4.

The standard will update and revise FCP-4 to add additional functionality and will define a mapping layer for the execution of SCSI operations as defined by the SCSI Architecture Model - 5 (SAM-5). This mapping layer will function on the Fibre Channel infrastructure as defined in FC-PI-x, FC-FS-x, and related Fibre Channel standards. The following items should be considered for inclusion in FCP-5: (a) enhanced error detection and recovery and (b) any additional items deemed appropriate by the committee.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney, (800) 542-5040, kcooney@scte.org
140 Philips Rd, Exton, PA 19341

New Standard

BSR/SCTE DVS 1336-201x, Content Encoding Profiles 3.0 Specification (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This document defines the content specifications for use with encoding systems, asset management, and distribution. It does not define a distribution method nor define all aspects of the cable system infrastructure that content may encounter during distribution and playback.

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)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC-AGRSS (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 (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **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.

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ABMA (ASC B3)
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AGSC-AGRSS
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ASA (ASC S12)
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Web: www.acousticalsociety.org

ASA (ASC S2)
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Web: www.acousticalsociety.org

ASABE
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ASC X9
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ASTM
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ATIS
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AWWA
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CSA
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GTESS
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IAPMO
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IAPMO (ASSE Chapter)
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18927 Hickory Creek Dr Suite 220
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ICC
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IEEE
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1055 Crupper Avenue
Columbus, OH 43229-1183
Phone: (614) 431-3236
Web: www.nationalboard.org

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Web: www.neca-neis.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3227
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-5643

Web: www.nsf.org

OPEI
Outdoor Power Equipment Institute

341 South Patrick Street
Alexandria, VA 22314
Phone: (703) 549-7600

Web: www.opei.org

RESNET
Residential Energy Services Network, Inc.

4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860

Web: www.resnet.us.com

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040

Web: www.scte.org

SMACNA
Sheet Metal and Air-Conditioning Contractors' National Association

4201 Lafayette Center Drive
Chantilly, VA 20151-1219
Phone: (703) 803-2980

Web: www.smacna.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706

Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1851

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); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

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

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 8836, Suction catheters for use in the respiratory tract - 11/6/2021, $93.00

COSMETICS (TC 217)

ISO/DIS 16217, Cosmetics - Sun protection test methods - Water resistance - Water immersion procedure - 11/16/2018, $46.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/DIS 22550, Document management - AFP interchange for PDF - 9/15/2018, $112.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO/DIS 20257-1, Installation and equipment for liquefied natural gas - Design of floating LNG installations - Part 1: General requirements - 9/13/2018, $194.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 17872, Paints and varnishes - Guidelines for the introduction of scribe marks through coatings on metallic panels for corrosion testing - 9/16/2018, $82.00

ISO/DIS 23321, Solvents for paints and varnishes - Demineralized water for industrial applications - Specification and test methods - 9/16/2018, $33.00

ISO/DIS 23322, Paints and varnishes - Determination of solvents in coating materials containing organic solvents only - Gas-chromatographic method - 9/16/2018, $46.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 16900-1, Respiratory protective devices - Methods of test and test equipment - Part 1: Determination of inward leakage - 9/13/2018, $107.00

ISO/DIS 16900-14, Respiratory protective devices - Methods of test and test equipment - Part 14: Measurement of sound level - 9/13/2018, $58.00

PLASTICS (TC 61)

ISO/DIS 10350-2, Plastics - Acquisition and presentation of comparable single-point data - Part 2: Long-fibre-reinforced plastics - 9/14/2018, $53.00

SMALL CRAFT (TC 188)

ISO/DIS 14945, Small craft - Builders plate - 11/10/2018, $46.00

ISO/DIS 14946, Small craft - Maximum load capacity - 11/10/2018, $33.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/DIS 21801, General guidelines on cognitive accessibility - 11/16/2018, $88.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 22486, Water pipe tobacco smoking machine - Definitions and standard conditions - 9/16/2018, $58.00

ISO/DIS 10362-1, Cigarettes - Determination of water in total particulate matter from the mainstream smoke - Part 1: Gas-chromatographic method - 9/15/2018, $53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 4254-11/DAmd1, Agricultural machinery - Safety - Part 11: Pick-up balers - Amendment 1 - 9/14/2018, $58.00

ISO/DIS 15077, Tractors and self-propelled machinery for agriculture and forestry - Operator controls - Actuating forces, displacement, location and method of operation - 12/25/2028, $77.00

ISO/DIS 16122-5, Agricultural and forestry machines - Inspection of sprayers in use - Part 5: Aerial spray systems - Environmental protection - 9/13/2018, $53.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO/DIS 28620, Medical devices - Non-electrically driven portable infusion devices - 11/12/2018, $62.00

WATER QUALITY (TC 147)

ISO/DIS 22908, Water quality - Radium 226 and radium 228 - Test method using liquid scintillation counting - 9/17/2018, $98.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 15614-1/DAmd1, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys - Amendment 1 - 9/16/2018, $29.00

ISO/DIS 15607, Specification and qualification of welding procedures for metallic materials - General rules - 11/11/2018, $58.00

ISO/DIS 15609-2, Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 2: Gas welding - 11/16/2018, $46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 30146, Information technology - Smart city ICT indicators - 11/11/2018, $82.00

ISO/IEC DIS 18013-4, Information technology - Personal identification - ISO-compliant driving licence - Part 4: Test methods - 9/14/2018, $194.00

ISO/IEC DIS 20000-2, Information technology - Service management - Part 2: Guidance on the application of service management systems - 11/16/2018, $146.00

ISO/IEC DIS 20000-3, Information technology - Service management - Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1 - 11/16/2018, $93.00

ISO/IEC DIS 23092-2, Information technology - Genomic information representation - Part 2: Coding of genomic information - 11/11/2018, $175.00

ISO/IEC DIS 39794-1, Information technology - Extensible biometric data interchange formats - Part 1: Framework - 11/12/2018, $125.00

OTHER

ISO/IEC DGuide 63, Guide to the development and inclusion of aspects of safety in international standards for medical devices - 10/14/2018, $68.00

IEC Standards

1/2359/CDV, IEC 60050-845 ED2: International electrotechnical vocabulary - Part 845: Lighting, /2018/11/1

23/797/NP, PNW TS 23-797: Direct current (DC) appliance couplers for information and communication technology (ICT) equipment installed in data centers and telecom central offices - Part 1: 2.6 kW system, /2018/11/1

40/2622/CDV, IEC 60062/AMD1 ED6: Marking codes for resistors and capacitors, /2018/11/1

45B/912/DTR, IEC TR 61577-5 ED1: Radiation protection instrumentation - Radon and radon decay product measuring instruments - Part 5: General properties of radon and radon decay products and their measurement methods, /2018/10/1

48B/2686/NP, PNW 48B-2686: Connectors for electrical and electronic equipment - Product Requirements - Part 2-126: Circular connectors - Detail specification for M12 inverse push-pull connectors for power and data transmission up to 500 MHz, /2018/11/1

57/2037/DC, First draft for IEC TR 61850-90-12 ED2: Communication networks and systems for power utility automation - Part 90-12: Wide Area Network Engineering Guidelines, 2018/10/5

61/5710/FDIS, IEC 60335-2-8/AMD2 ED6: Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances, 2018/10/5

62C/729/DTR, IEC TR 62926 ED1: Medical electrical system - Guidelines for safe integration and operation of adaptive external-beam radiotherapy systems for real-time adaptive radiotherapy, /2018/10/1

62D/1619/FDIS, ISO 81060-2 ED3: Non-invasive sphygmomanometers: Part 2: Clinical investigation of intermittent automated measurement type, 2018/10/5

64/2300/CDV, IEC 60479-2 ED1: Effects of current on human beings and livestock - Part 2: Special aspects, /2018/11/1

65E/617/CDV, IEC 62541-14 ED1: OPC Unified Architecture - Part 14: PubSub, /2018/11/1

65E/615/CDV, IEC 62541-12 ED1: OPC Unified Architecture Specification: Part 12 - Discovery, /2018/11/1

65E/616/CDV, ISO/IEC 62264-6 ED1: Enterprise/Control System Integration - Messaging Service Model, /2018/11/1

82/1465/CD, IEC 62788-5-2 ED1: Measurement procedures for materials used in photovoltaic modules - Part 5-2: Edge seals - Edge-seal durability evaluation guideline, /2018/10/1

86B/4140/CD, IEC 61300-3-55 ED1: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-55:Examinations and measurements - Polarisation extinction ratio and keying accuracy of polarisation maintaining, passive, optical components, /2018/10/1

86B/4138/CDV, IEC 61756-1 ED2: Fibre optic interconnecting devices and passive components - Interface standard for fibre management systems - Part 1: General and guidance, /2018/11/1

90/417/CD, IEC 60050-815 ED3: International Electrotechnical Vocabulary - Part 815: Superconductivity, /2018/11/1

90/419/CD, IEC 61788-4 ED5: Superconductivity - Residual resistance ratio measurement - Residual resistance ratio of Nb-Ti and Nb3Sn composite superconductors, /2018/11/1

101/572/CD, IEC TR 61340-5-4 ED1: Electrostatics - Part 5-4: Protection of electronic devices from electrostatic phenomena - Compliance verification, /2018/11/1

110/1018/DTR, IEC TR 62595-1-3 ED1: Display lighting unit - Part 1-3: Lighting units with arbitrary shapes, /2018/10/1

110/1019/DTR, IEC TR 62629-41-1 ED1: 3D Display devices - Part 41 -1: Generic introduction of holographic display, /2018/10/1

110/1017/DTS, IEC TS 62341-6-5 ED1: Organic light emitting diode (OLED) displays - Part 6-5: Measuring methods of dynamic range properties, /2018/11/1

110/1020/CD, IEC 62906-5-6 ED1: Laser display devices - Part 5-6: Measuring methods for optical performance of screens, /2018/10/1

CIS/D/447/FDIS, CISPR 36 ED1: Electric and hybrid road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz, 2018/10/5

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 18363-2:2018, Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 2: Method using slow alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol, $138.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 16091:2018, Space systems - Integrated logistic support, $138.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO 7539-6:2018, Corrosion of metals and alloys - Stress corrosion testing - Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement, $185.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14067:2018, Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification, $185.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 16100-6:2018, Industrial automation systems and integration - Manufacturing software capability profiling for interoperability - Part 6: Interface services and protocols for matching profiles based on multiple capability class structures, $209.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 2085:2018, Anodizing of aluminium and its alloys - Check for continuity of thin anodic oxidation coatings - Copper sulfate test, $45.00

ISO 6581:2018, Anodizing of aluminium and its alloys - Determination of the comparative fastness to ultraviolet light and heat of coloured anodic oxidation coatings, $45.00

PAINTS AND VARNISHES (TC 35)

ISO 11124-1:2018, Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 1: General introduction and classification, $45.00

ISO 11124-2:2018, Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 2: Chilled-iron grit, $45.00

ISO 11124-4:2018, Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 4: Low-carbon cast-steel shot, $68.00

ISO 11125-2:2018, Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 2: Determination of particle size distribution, $45.00

ISO 11125-3:2018, Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 3: Determination of hardness, $45.00

ISO 11125-4:2018, Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 4: Determination of apparent density, $45.00

ISO 11125-5:2018, Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 5: Determination of percentage defective particles and of microstructure, $45.00

ISO 11125-6:2018, Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 6: Determination of foreign matter, $45.00

ISO 11126-1:2018, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 1: General introduction and classification, $45.00

ISO 11126-3:2018, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 3: Copper refinery slag, $45.00

ISO 11126-4:2018, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 4: Coal furnace slag, $45.00

ISO 11126-6:2018, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 6: Iron and steel slags, $45.00

ISO 11126-7:2018, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 7: Fused aluminium oxide, $45.00

ISO 11126-8:2018, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 8: Olivine, $45.00

PLASTICS (TC 61)

ISO 14852:2018, Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by analysis of evolved carbon dioxide, $138.00

ISO 21970-1:2018, Plastics - Polyketone (PK) moulding and extrusion materials - Part 1: Designation system and basis for specifications, $68.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO 18250-8:2018, Medical devices - Connectors for reservoir delivery systems for healthcare applications - Part 8: Citrate-based anticoagulant solution for apheresis applications, $138.00

ROAD VEHICLES (TC 22)

ISO 20762:2018, Electrically propelled road vehicles - Determination of power for propulsion of hybrid electric vehicle, $103.00

ISO 21042:2018, Gasoline engines with direct fuel injection (GDI engines) - Installation of the high pressure fuel pump to the engine, $45.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 48-1:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 1: Introduction and guidance, $45.00

ISO 48-2:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 2: Hardness between 10 IRHD and 100 IRHD, $138.00

ISO 48-3:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 3: Dead-load hardness using the very low rubber hardness (VLRH) scale, $68.00

ISO 48-4:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 4: Indentation hardness by durometer method (Shore hardness), $103.00

ISO 48-5:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 5: Indentation hardness by IRHD pocket meter method, $45.00

ISO 48-6:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 6: Apparent hardness of rubber-covered rollers by IRHD method, $45.00

ISO 48-7:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 7: Apparent hardness of rubber-covered rollers by Shore-type durometer method, $45.00

ISO 48-8:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 8: Apparent hardness of rubber-covered rollers by Pusey and Jones method, $68.00

ISO 48-9:2018, Rubber, vulcanized or thermoplastic - Determination of hardness - Part 9: Calibration and verification of hardness testers, $138.00

SECURITY (TC 292)

ISO 22380:2018, Security and resilience - Authenticity, integrity and trust for products and documents - General principles for product fraud risk and countermeasures, $103.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 18275:2018, Welding consumables - Covered electrodes for manual metal arc welding of high-strength steels - Classification, $162.00

ISO Technical Reports

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/TR 15155-1:2018, Agricultural irrigation equipment - Test facilities for agricultural irrigation equipment - Part 1: General, $138.00

ISO Technical Specifications

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/TS 21979:2018, Space environment (natural and artificial) - Procedure for obtaining worst case and confidence level of fluence using the quasi-dynamic model of earth's radiation belts, $103.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 7816-4/Amd2:2018, Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange - Amendment 2: Waiting time management, $19.00

ISO/IEC 19896-2:2018, IT security techniques - Competence requirements for information security testers and evaluators - Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers, $162.00

ISO/IEC 19896-3:2018, IT security techniques - Competence requirements for information security testers and evaluators - Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators, $162.00

IEC Standards

AUTOMATIC CONTROLS FOR HOUSEHOLD USE (TC 72)

IEC 60730-2-8 Ed. 3.0 en:2018, Automatic electrical controls - Part 2 -8: Particular requirements for electrically operated water valves, including mechanical requirements, $281.00

S+ IEC 60730-2-8 Ed. 3.0 en:2018 (Redline version), Automatic electrical controls - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements, $366.00

FIBRE OPTICS (TC 86)

IEC 60794-4-20 Ed. 2.0 b:2018, Optical fibre cables - Part 4-20: Sectional specification - Aerial optical cables along electrical power lines - Family specification for ADSS (all dielectric self-supported) optical cables, $199.00

S+ IEC 60794-4-20 Ed. 2.0 en:2018 (Redline version), Optical fibre cables - Part 4-20: Sectional specification - Aerial optical cables along electrical power lines - Family specification for ADSS (all dielectric self-supported) optical cables, $259.00

INSULATORS (TC 36)

IEC 60507 Ed. 3.0 b cor.1:2018, Corrigendum 1 - Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a. c. systems, $0.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

IEC 62923-1 Ed. 1.0 b:2018, Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 1: Operational and performance requirements, methods of testing and required test results, $387.00

IEC 62923-2 Ed. 1.0 b:2018, Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 2: Alert and cluster identifiers and other additional features, $117.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC 62885-5 Ed. 1.0 en:2018, Surface cleaning appliances - Part 5: High pressure cleaners and steam cleaners for household and commercial use - Methods for measuring performance, $82.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-5 Amd.1 Ed. 6.0 b cor.1:2018, Corrigendum 1 - Amendment 1 - Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers, $0.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62435-6 Ed. 1.0 b:2018, Electronic components - Long-term storage of electronic semiconductor devices - Part 6: Packaged or finished devices, $117.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 60904-SER Ed. 1.0 b:2018, Photovoltaic devices - ALL PARTS, $1119.00

SUPERCONDUCTIVITY (TC 90)

IEC 61788-25 Ed. 1.0 b:2018, Superconductivity - Part 25: Mechanical properties measurement - Room temperature tensile test on REBCO wires, $199.00

IEC Technical Reports

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/TR 62967 Ed. 1.0 en:2018, Methods for calculating the main static performance indicators of transducers and transmitters, $352.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC/TR 62271-306 Amd.1 Ed. 1.0 en:2018, Amendment 1 - High-voltage switchgear and controlgear - Part 306: Guide to IEC 62271 -100, IEC 62271-1 and other IEC standards related to alternating current circuit-breakers, $410.00

IEC/TR 62271-306 Ed. 1.1 en:2018, High-voltage switchgear and controlgear - Part 306: Guide to IEC 62271-100, IEC 62271-1 and other IEC standards related to alternating current circuit-breakers, $1055.00

IEC Technical Specifications

ELECTRICAL ENERGY STORAGE (EES) SYSTEMS (TC 120)

IEC/TS 62933-3-1 Ed. 1.0 en:2018, Electrical energy storage (EES) systems - Part 3-1: Planning and performance assessment of electrical energy storage systems - General specification, $317.00

INSULATORS (TC 36)

IEC/TS 61245 Ed. 2.0 en cor.1:2018, Corrigendum 1 - Artificial pollution tests on high-voltage ceramic and glass insulators to be used on d.c. systems, $0.00

MARINE ENERGY - WAVE, TIDAL AND OTHER WATER CURRENT CONVERTERS (TC 114)

IEC/TS 62600-30 Ed. 1.0 en:2018, Marine energy - Wave, tidal and other water current converters - Part 30: Electrical power quality requirements, $281.00

NANOTECHNOLOGY STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 113)

IEC/TS 62607-4-7 Ed. 1.0 en:2018, Nanomanufacturing - Key control characteristics - Part 4-7: Nano-enabled electrical energy storage - Determination of magnetic impurities in anode nanomaterials, ICP-OES method, $117.00

IEC/TS 62876-2-1 Ed. 1.0 en:2018, Nanotechnology - Reliability assessment - Part 2-1: Nano-enabled photovoltaic devices - Stability test, $199.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC/TS 60904-13 Ed. 1.0 en:2018, Photovoltaic devices - Part 13: Electroluminescence of photovoltaic modules, $235.00

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 notified 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 notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them.

To register for Notify U.S., please visit http://www.nist.gov/notifyus/.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@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 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 a 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.

ANSI Accredited Standards Developers

Approval of Reaccreditation

Alliance of Telecommunications Industry Solutions (ATIS)

The reaccreditation of the Alliance for Telecommunications Industry Solutions (ATIS), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised ATIS Operating Procedures for ATIS Forums and Committees for documenting consensus on ATIS-sponsored American National Standards, effective August 29, 2018. For additional information, please contact: Mr. Steve Barclay, Sr. Director, Global Standards Development, ATIS, 1200 G Street NW, Suite 500, Washington, DC 20005; phone: 202.434.8832; e-mail: sbarclay@atis.org.

AMCA International

The reaccreditation of the AMCA International, an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures (AMCA Blue Book) for documenting consensus on AMCA International-sponsored American National Standards, effective August 30, 2018. For additional information, please contact: Mr. Joe Brooks, Director of Publications and Standards, AMCA International, 30 West University Drive, Arlington Heights, IL 60004; phone: 847.704.6250; e-mail: jbrooks@amca.org.

Withdrawal of ASD Accreditation

National Council of State Boards of Nursing (NCSBN)

The National Council of State Boards of Nursing (NCSBN) has requested the formal withdrawal of its ANSI accreditation as a developer of American National Standards (ANS). Consequently, as all current American National Standards (ANS) are required to have an accredited sponsor, the following ANS are administratively withdrawn:

ANSI/NCSBN-001-2015: Criminal Background Checks for Licensure as a Nurse

ANSI/NCSBN-002-2016: Reporting of Disciplinary Actions by Boards of Nursing

ANSI/NCSBN-003-2016: Primary Source Verification of Licensure by Endorsement

These actions are taken, effective August 31, 2018. For additional information, please contact: Mr. Greg Pulaski, Director, Performance Measurement and Standards Setting, National Council of State Boards of Nursing, 111 E. Wacker Drive, Suite 2900, Chicago, IL 60601-4277; phone: 312.525.3681; e-mail: gpulaski@ncsbn.org.

International Organization for Standardization

Call for U.S. Participants

ISO Guide 82 – Guidelines for Addressing Sustainability in Standards

Please be advised that the ISO Technical Management Board (ISO/TMB) has agreed to do a limited revision to ISO Guide 82 to include information on how ISO standards can support the UN Sustainable Development Goals. The revision will be limited to including content related to how ISO standards relate to and/or support the SDGs. The rest of ISO Guide 82 will not be not up for revision at this time.

ANSI is seeking U.S. experts to serve on the U.S. Virtual Technical Advisory Group (VTAG) to support this revision. It is anticipated that this project will start in early October, and is supposed to last one year.

Experts interested in participating on the U.S. VTAG for revising ISO Guide 82 should contact ANSI's Daniel Wiser by e-mail at dwiser@ansi.org.

Establishment of ISO Project Committee

ISO/PC 320 – Tableware, Giftware, Jewellery, Luminaries – Glass Clarity – Classification and Test Method

A new ISO Project Committee, ISO/PC 320 - Tableware, giftware, jewellery, luminaries - Glass clarity - Classification and test method, has been formed. The Secretariat has been assigned to France (AFNOR).

ISO/PC 320 operates under the following scope:

> Standardization in the field of tableware, giftware, jewellery, luminaries - Glass clarity - Classification and test method.

Organizations interested in serving as the U.S. TAG Administrator or participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

U.S. Technical Advisory Groups

Application for Accreditation and Request for Approval of TAG Administrator

U.S. TAG to ISO PC 317 – Consumer Protection: Privacy by Design for Consumer Goods and Services

Comment Deadline: October 1, 2018

In accordance with clause 2.4 of the ANSI International Procedures, the American National Standards Institute (with funding support from OASIS) has submitted an application for accreditation for a proposed U.S. Technical Advisory Group (TAG) to ISO PC 317, Consumer protection: Privacy by design for consumer goods and services and a request for approval as TAG Administrator. An announcement of the TAG's intent to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures was placed in the July 13, 2018 issue of Standards Action. The TAG has since approved limited substantive changes to the model procedures, which require an additional public review period. To obtain a copy of the TAG application or to offer comments, please contact: Ms. Rachel Hawthorne, Senior Manager of ISO Outreach and Enhanced Services, ANSI, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.4938; e-mail: rhawthorne@ansi.org (please copy jthompso@ansi.org). You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to Ms. Hawthorne by October 1, 2018, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Meeting Notices

Accredited Standards Committee (ASC) B109 Standards B109.1, B109.2, B109.3, and B109.4

> Meeting Date: October 22, 2018; 8:00 AM – 4:00 PM CST
>
> Meeting Location: Omni Forth Worth Hotel, 1300 Houston Street, Fort Worth, Texas (Teleconference information available upon request)
>
> Purpose: This is the annual ANSI B109 meeting. Updates will be given for each of the B109 standards. Breakout sessions for B109.1, B109.2, B109.3, and B109.4 will follow the main meeting.

Please register on line at www.aga.org. For more information, contact Jeff Meyers, jmeyers@aga.org.

Accredited Standards Committee Z87 on Safety Standards for Eye Protection

The Accredited Standards Committee Z87 on Safety Standards for Eye Protection will next meet as noted:

Wednesday, October 10, 2018
9:00 AM – 4:00 PM
3M Innovation Center
1425 K Street, NW #300
Washington, DC 20005

Meeting space is limited and is available on a first-come, first-serve basis. If you have questions or are interested in attending the Z87 Committee meeting, please contact Cristine Z. Fargo, Director - Member and Technical Services at 703-525-1695 or cfargo@safetyequipment.org.

Information Concerning

International Organization for Standardization (ISO)

Establishment of ISO Technical Committee

ISO/TC 321 – Transaction Assurance in E-Commerce

A new ISO Technical Committee, ISO/TC 321 – *Transaction assurance in E-commerce*, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 321 operates under the following scope:

Standardization in the field of "transaction assurance and upstream/downstream directly related processes in e-commerce", including the following:

- The assurance of transaction process in e-commerce (including easier access to e-platforms and e-stores);
- The protection of online consumer rights including both prevention of online disputes and resolution process;
- The interoperability and admissibility of commodity quality inspection result in cross-border e-commerce.
- The assurance of e-commerce delivery to the final consumer.

Excluded:

- Management system standards already covered by ISO/TC 176;
- Authenticity, integrity and trust for products and documents standards already covered by ISO/TC 292/WG4;
- Guidelines on consumer warranties and guarantees standards already covered by ISO/PC 303;
- Meta-standards of information interchange standards already covered by ISO/TC 154;
- Cross-border trade of second-hand goods standards already covered by ISO/PC 245;
- Brand evaluation standards already covered by ISO/TC 289;
- Online reputation standards already covered by ISO/TC 290;
- Financial services standards already covered by ISO/TC 68;
- Identity management standards already covered by ISO/IEC/JTC 1/SC 27/WG 5;
- Meta-standards of data management and interchange already covered by ISO/IEC/JTC 1/SC 32;
- Biometrics standards already covered by ISO/IEC/JTC 1/SC 37.

Since the payment and security of the transaction are very important in e-commerce, the proposed new technical committee will cooperate with ISO/TC 68 (Financial services), ISO/IEC/JTC1/SC 27 (IT Security techniques) and other TC via a liaison membership. If request for developing new standards for e-commerce in those TCs arose, the proposed new TC would work with them to develop the needed standards."

Organizations interested in serving as the U.S. TAG Administrator or participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

Comments on NECA 413, Standard for Installing and Maintaining Electric Vehicle Supply Equipment (EVSE)

E: editorial, G: General, T: Technical Note: **Please do not re-size table**
ID: Company with comment # (do not automate comment #)

Page	Line	Clause	E/G	Organization	Comment (rationale)	Proposed change (specific; add, delete. From-to)	Resolution (SME ONLY)
10	345-348	Figure 2.1.1	G	T. M. Croushore	Delete the picture and Title as this equipment is no longer available.	Delete these lines or find an updated photo.	Accepted.
12	437	First Sentence	E	T. M. Croushore	Rework first sentence.	Historically, electricity has been used to power specialty vehicles, such as forklifts and golf carts.	Accepted.
12	438-440	Whole Sentence	E	T. M. Croushore	Rework the sentence into two sentences.	The range of an EV, or the distance that the EV can travel before recharging, varies with the vehicle. Range is dependent upon the size of the battery system and whether any supplementary fuel is used such as in a plug-in hybrid vehicle (PHEV).	Accepted.
12	445-446	Second Sentence	T	T. M. Croushore	The order of terms is not correct.	Energy is transferred between the premises wiring system and the on-board battery through the EV inlet, which is considered part of the vehicle.	Accepted.
12	463	Ahead of the first sentence	G	T. M. Croushore	Need more information before the first sentence. Insert two sentences ahead of the first sentence.	The time for charging depends on the amount of energy needed to be replaced in the battery. For example, to fully charge a depleted battery would take the following times for each Level of charging. AC Level 1 charging typically takes…	Accepted.
13	500-501	Revise first sentence	E	T. M. Croushore	Need better words that electrically isolate EVSE…	Before installing, cleaning, inspecting, testing or performing maintenance on EVSE, make the EVSE electrically safe in accordance with established procedures.	Accepted.
13	510-513	Revise paragraph	G	T. M. Croushore	Incorrect information	Establish an electrically safe work condition before beginning work on the EVSE. Keep in mind that the line side of the main disconnecting means remains energized unless power is disconnected upstream from the main disconnecting means. Contact the local electric utility company when required to disconnect power to the main disconnecting means.	Accepted.
13	515-516	Revise second sentence	T	T. M. Croushore	Need additional terminology	Using established safety procedures, guard exposed energized conductors and equipment in close proximity to the work.	Accepted.
18	725 new	Add material	G	T. M. Croushore	Add more information ahead of 5.2	Protect EVSE and other electrical equipment and wiring from vehicles by location or by using curbing, wheel stops, bollards, etc. as appropriate.	Accepted.

Comments on NECA 413, Standard for Installing and Maintaining Electric Vehicle Supply Equipment (EVSE)

E: editorial, G: General, T: Technical Note: **Please do not re-size table**

ID: Company with comment # (do not automate comment #)

18	752	Add material	G	T. M. Croushore	Add more information to first paragraph after the last sentence.	Vehicle-to-grid (V2G) EVSEs must be listed as either optional standby systems or interconnected electric power production sources.	Accepted.
20	819-822	Incorrect OCPD	T	T. M. Croushore	Figure 5.4.2 shows an 80-ampere max OCPD. It should show a 100-ampere max OPCD.	Change the 80 to 100.	Accepted. Mike, the rating of the OCPD in Figure 5.4.2 should be revised to be 100 A.
20	816	Add sentence	T	T. M. Croushore	After second sentence, add the following sentence.	AC Level 2 EVSEs are available in several sizes from 16 amps through 80 amps.	Accepted.
20	816-817	Revise	T	T. M. Croushore	Revise sentence	The SAE J1772 connector is suitable for load current as high as 80 amps AC continuous.	Accepted.

Tracking number 455-3i2r1 et al **New Standard NSF/ANSI 455-3 – 201X**
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Multiple revisions for 455-3i2r1, 455-4i2r1

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

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5 Audit process

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5.4.3 Preparation by the company

It is expected that the site be prepared for the certification audit, have ready access to appropriate documentation, and provide appropriate staff during the on-site visit.

The site shall ensure that the operations for each product type and product category will be operational for the intended scope of certification. The auditor(s) have the discretion to continue the audit until satisfied the intended scope has been assessed. Where a significant process is conducted seasonally or only occasionally, either 1) the audit should be scheduled for that time, or 2) the general audit is conducted as scheduled and a separate audit is required to assess that process.

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NSF/ANSI Standard
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NSF/ANSI Standard
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5 Audit process

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5.4.5 Information to be provided to the CB for audit preparation

The site shall supply the CB with background information at least one week prior to the site visit to ensure the auditor(s) is prepared to conduct an efficient audit. The information requested by the CB may include but is not limited to:

— organization chart;
— site plan;
— process flow diagram;
— list of products and technologies included in the scope of the audit;
— typical shift / schedule patterns;
— standard operating procedure index / table of contents;
— regulatory inspection history (past five years); and
— site regulatory registration.

If the previous certification audit was performed by another CB, the site shall provide the previous year's audit report with corrective action plans to the newly contracted CB.

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NSF/ANSI Standard
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NSF/ANSI Standard
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Good manufacturing practices for cosmetics

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5 Audit process

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5.4.6 Auditor selection

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~~The site may decline the services of a particular auditor.~~ The site may request the substitution of a particular auditor with sufficient, objective written justification to the CB.

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for over-the-counter drugs

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5 Audit process

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Tracking number 455-3i5r1 et al **New Standard NSF/ANSI 455-3 – 201X**
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Multiple revisions for 455-3i5r1, 455-4i5r1

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

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5 Audit process

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5.4.6 Auditor selection

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If the auditor does not speak the native language of the site, an appropriate translator shall be provided by the site or the CB having knowledge of the technical terms used during the audit.

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for over-the-counter drugs

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5 Audit process

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Tracking number 455-3i6r1 **New Standard NSF/ANSI 455-3 – 201X**
© 2018 NSF International **Issue 6, Revision 1 (August 2018)**
Revisions for 455-3i6r1, 455-4i6r1

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

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5 Audit process

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5.4.7 Generate and communicate the audit plan

The CB shall draft an audit plan outlining the activities of the audit. The audit plan includes the site location, responsible site contact, audit date(s), auditor(s), and agenda.

The agenda includes an opening meeting, site tour and inspection, documentation review, employee interviews against the requirements of the Standard, draft report of findings, and closing meeting. The schedule order and times may be adjusted to fit the needs of the assessment.

The CB shall communicate the audit plan to the responsible site contact at least one week prior to the audit start date. The responsible contact is to review the audit plan, and acknowledge acceptability of the plan. ~~Where necessary~~ When requested, clarification of the plan is given.

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Tracking number 455-3i6r1
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Revisions for 455-3i6r1, 455-4i6r1

New Standard NSF/ANSI 455-3 – 201X
Issue 6, Revision 1 (August 2018)

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Tracking number 455-3i7r1
New Standard NSF/ANSI 455-3 – 201X

Issue 7, Revision 1 (August 2018)
Revisions for 455-3i7r1, 455-4i7r1

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

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5 Audit process

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5.7.3 Certification body determines next steps

CB determines next steps based on the grade as described below:

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— a site with a grade of B must submit a corrective action plan for all nonconformances. Corrective action against major nonconformances must be closed with objective evidence to demonstrate the corrective action is in place and effective, before consideration for certification. A site with only minor nonconformances will be considered for certification upon acceptance of the corrective action plan by the CB. The site is to close the minor conformances prior to the next certification audit. The effectiveness of the corrective actions against minor nonconformances will be reviewed at the next certification audit. If at the next the certification audit, the company has not closed their minor nonconformance(s) the company has three months to submit objective evidence that said nonconformances are closed or those minor(s) elevate to major nonconformance(s). The CB may require a monitoring audit to verify that the nonconformance(s) have been closed;

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Tracking number 455-3i7r1
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New Standard NSF/ANSI 455-3 – 201X
Issue 7, Revision 1 (August 2018)

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New Standard NSF/ANSI 455-3 – 201X
Issue 8, Revision 1 (August 2018)

NSF/ANSI Standard
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5 Audit process

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~~5.8.5 Use of the designation of the Standard number by CBs~~

~~Upon certification by an accredited CB, the company may use a Mark as evidence of conformance to this Standard during the period of certification. Usage of the Mark is specific to the facility location and types of products and processes specific to the certification audit. The Mark and usage of the Mark must adhere to ANSI's rules and regulations of Mark usage found in ANSI-PR-027: *Rules Governing the Use and Protection of the ANSI Accreditation Mark and References to ANSI Accreditation*.~~

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5 Audit process

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Tracking number 455-3i9r1 et al **New Standard NSF/ANSI 455-3 – 201X**
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Revisions for 455-3i9r1, 455-4i9r1

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5 Audit process

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5.8.6 Certification suspension and withdrawal

The certificate may be suspended or revoked for circumstances such as:

— violation of CB program rules; and
— failure to fulfill financial commitments.

The certificate may be withdrawn by the CB where circumstances indicate the site no longer complies with the requirements of the ANSI certification scheme. Examples of these situations include, but are not limited to:

— evidence that the site no longer complies with the cGMP requirements for OTC drug manufacture;
— failure to implement adequate corrective actions within appropriate timelines;
— evidence of falsification of records; and
— persistent misuse of the Mark.

~~Refer to the Governance Document section on Certification Suspension and Withdrawal for process details.~~

5.8.7 Appeals

The company has the right to appeal the identification and/or categorization of a nonconformance or certification decision. Any such appeal is to be made in writing and include evidence to support the appeal, and demonstrate compliance such as documentation, records, and photographic evidence.

The CB shall have a documented procedure for the consideration and resolution of appeals. Investigative procedures shall be independent of the individual auditor.

In the event of an unsuccessful appeal, the CB has the right to charge costs for conducting the appeal.

~~Refer to the governance document section on appeals for process details and requirements.~~

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NSF/ANSI Standard
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5 Audit process

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NSF/ANSI Standard
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5.4.2 Cosmetic cGMP audit - guidelines for determining audit duration

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Table 5.1 – Guidelines for audit duration

Facility size:	Raw / packaging material	Specialized	Standard	Large
product categories	single	single, multiple flavors	up to five	more than five
technologies	single	single	up to three	~~five~~ four or more
facility	single	single	single	one to three
shifts	up to three	single or part time	up to three	upto three
days of operation	five or less	five or less	up to seven	up to seven
water as an ingredient	yes or no	no	yes	yes
microquality testing	yes or no	no	yes	yes
number of auditors	one	one	one	two
audit days	one	one	two	two to three

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Tracking number 455-3i11r1 **New Standard NSF/ANSI 455-3 – 201X**
 Issue 11, Revision 1 (August 2018)

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

1 General

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1.2 Scope

This Standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716 Good Manufacturing Practices (GMPs) for cosmetics, FDA Cosmetic GMP Guidance as well as incorporating additional retailer requirements (https://www.fda.gov/Cosmetics/GuidanceRegulation/GuidanceDocuments/ucm353046.htm and https://www.fda.gov/cosmetics/registrationprogram/ucm2005171.htm). It refers to the requirements for GMPs applicable to all cosmetics. It will assist in the determination of adequate facilities and controls for cosmetic manufacture with sufficient quality to ensure suitability for intended use. The criteria in this standard was structured to be in the ISO 9001: 2015 format, following a 7 systems approach.

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NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

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2 Normative references

The following documents contain requirements that, by reference in this text, constitute requirements of this Standard. At the time of publication, the indicated editions were valid. All of the documents are subject to revision and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

~~AAMI 13485-2016. *Medical devices – Quality management systems – Requirements for regulatory purposes*[1]~~

FDA Guidance for Industry – *Cosmetic Good Manufacturing Practices* updated June 2013[2]

ISO 22716 – 2007. *Cosmetics – Good Manufacturing Practices (GMP) – Guidelines on Good Manufacturing Practices*[3]

ISO 9001 – 2015.*Quality Management System – Requirements*[3]

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~~[1] Association for the Advancement of Medical Instrumentation. 4301 N. Fairfax Dr., Suite. 301, Arlington, VA 22203-1633, USA <www.aami.org>.~~

[2] Food and Drug Administration. 10903 New Hampshire Ave., Silver Spring, MD 20993-0002, USA <www.fda.gov>.

[3] International Organization for Standardization (ISO). Case postale 56, CH-1211 Geneve 20, Switzerland <www.iso.org>.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

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4 Audit requirements

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4.1 Context of the organization

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4.1.2 Supplier (manufacturer) without VCRP registration has cosmetic product ingredient statements (CPIS) filed with FDA. [https://www.fda.gov/cosmetics/registrationprogram/ucm2005171.htm]

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Tracking number 455-3i14r1 et al
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Revisions for 455-3i14i1, 455-4i12r1

New Standard NSF/ANSI 455-3 – 201X
Issue 14, Revision 1 (August 2018)

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for cosmetics

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5 Audit process

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5.2 Audit and certification process outline

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b) Audit planning

— submit an application for certification;
— provide company information to CB for audit planning;
— company will provide the CB with any regulatory actions, inspection reports or other notifications received from any regulatory agency including but not limited to form 483s, warning letters, meeting requests, and consent decrees since the most recent regulatory audit;
— determine the duration of the audit;
— determine and agree on audit timing and schedule; and
— generate and communicate the audit plan.

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[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for over-the-counter drugs

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5 Audit process

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5.4.2 OTC drug cGMP audit – guidelines for determining audit duration

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A certification audit is generally completed in ~~two~~ three days but may be more or less depending upon the size of the facility and the complexity of the product categories and technologies. The ~~two~~ three day audit is based on a OTC drug manufacturer with up to five product categories, up to three technologies conducted in a single facility. The base case assumes that water is a raw material ingredient, and that one or more materials or products require micro quality testing.

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[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Good Manufacturing Practices –

Good manufacturing practices for over-the-counter drugs

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4 Requirements

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4.6 Operation

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4.6.44 OTC drug products are packaged with tamper-evident packaging, and labels include the required wording regarding the tamper-evident feature(s), with exceptions permitted per 21CFR211.132(~~a~~d). [21CFR211.132]

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DRAFT

DRAFT PDS-01.2 BSR/RESNET/ICC 301-2014 Addendum T-201x, Thermal Distribution System Efficiency

Modify the current Standard ANSI/RESNET/ICC 301-2014 Table 4.2.2(1) language from Addendum D-2017 as follows:

Thermal distribution systems:	Thermal distribution system efficiency (DSE) of 0.80 shall be applied to both the heating and cooling system efficiencies.	For forced air distribution systems: Tested in accordance with requirements of Standard ANSI/RESNET/ICC 380-2016 or equivalent [(m)] ~~and then either calculated through hourly simulation or calculated in accordance with ASHRAE Standard 152-2004~~ and calculated with the ducts located and insulated as in the Rated Home. For ductless distribution systems: DSE=1.00 For hydronic distribution systems: DSE=1.00

BSR/UL 1004-5, Fire Pump Motors

1. Requirements for motors rated from 601 V - 7.2 kV and greater than 500 h

PROPOSAL

8.1 ~~A fire pump motor shall continue to operate and show no evidence of electrical breakdown as a result of the locked-rotor current evaluation specified in 8.2. The current measured during the test shall not exceed the values in Table 8.1 for 60 Hz motors and Table 8.2 for 50 Hz motors. For voltages other than 230 or 380 volts, the locked-rotor current shall be inversely proportional to the voltages. For example, for a 115-volt motor, the maximum locked-rotor current at a given horsepower rating is twice the maximum value at 230 volts.~~ A fire pump motor rated 600 V or less and 500 hp or less is to be operated for 12 seconds at rated voltage and frequency with the rotor locked. The locked-rotor current is to be measured during the first 3 seconds of the test.

8.2 ~~One sample of the motor is to be operated for 12 seconds at rated voltage and frequency with the rotor locked. The current is to be measured during the first 3 seconds of the test. After the locked-rotor operation, and while still in a heated condition, the motor shall be subjected to the Dielectric Voltage-Withstand Test of UL 1004-1 without evidence of electrical breakdown. The motor shall operate after the application of the dielectric potential.~~ A motor rated from 601 V - 7.2 kV, or greater than 500 hp, is to be energized at rated voltage and frequency with the rotor locked for 3 seconds or until the locked-rotor current begins to decrease, whichever occurs first. The locked-rotor current is to be measured at the conclusion of the test.

8.3 A fire pump motor shall continue to operate and show no evidence of electrical breakdown as a result of the Locked Rotor Test.

8.4 The measured locked-rotor current for a motor rated 600 V or less and 500 hp or less shall not exceed the values in Table 8.1 for 60 Hz motors and Table 8.2 for 50 Hz motors when adjusted to the rated voltage. For voltages other than 230 V or 380 V, the locked-rotor current shall be inversely proportional to the voltages. (For example, for a 115 V motor, the maximum locked-rotor current at a given horsepower rating is twice the maximum value at 230 V.)

8.5 The measured locked-rotor current for a motor rated from 601 V - 7.2 kV, or greater than 500 hp, shall not exceed the values in Table 8.1 for 60 Hz motors and Table 8.2 for 50 Hz motors when adjusted to the rated voltage, unless marked as indicated in 11.7.

8.6 After the locked-rotor operation, and while still in a heated condition, the motor shall be subjected to the Dielectric Voltage-Withstand Test of UL 1004-1 without evidence of electrical breakdown. The motor shall operate after the application of the dielectric potential.

10.2 ~~The motor~~ For three-phase motors rated 600 V or less and 500 hp or less, the locked-rotor torque, breakdown torque, and pull-up torque shall be equal to or greater than the values in Table 10.1, Table 10.2, and Table 10.3.

~~*Exception No. 1: Single-phase motors built using a NEMA two-digit frame size and marked in accordance with 11.3 shall comply with the locked-rotor torque, breakdown torque, and pull-up torque limits in NEMA MG-1, Part 12: Test and Performance - AC Motors for Design N.*~~

~~*Exception No. 2: Single-phase motors built using a NEMA three-digit frame size and marked in accordance with 11.4 shall comply with the locked-rotor torque, breakdown torque, and pull-up torque limits in NEMA MG-1, Part 12: Test and Performance - AC Motors for Design L.*~~

10.2.1 For motors rated from 601 V - 7.2 kV, or greater than 500 hp, the breakdown torque and pull-up torque shall be equal to or greater than the values in Table 10.4.

10.2.2 Single-phase motors built using a NEMA two-digit frame size and marked in accordance with 11.3 shall comply with the locked-rotor torque, breakdown torque, and pull-up torque limits in NEMA MG-1, Part 12: Test and Performance - AC Motors for Design N.

10.2.3 Single-phase motors built using a NEMA three-digit frame size and marked in accordance with 11.4 shall comply with the locked-rotor torque, breakdown torque, and pull-up torque limits in NEMA MG-1, Part 12: Test and Performance - AC Motors for Design L.

Table 10.4
Torque values for motors rated from 601 V - 7.2 kV or over 500 hp

Torque	Percentage of Rated Full-load Torque
Locked-rotor	60%
Pull-up	60%
Breakdown	175%
Table 20.10.1 of NEMA MG1 reprinted by permission of the National Electrical Manufacturers Association	

11.5 Machines starting on Y connection and running on delta connection shall be marked with a code letter corresponding to the locked-rotor kVA per horsepower for the Y connection.

11.6 Broad- or dual-voltage motors which have a different locked-rotor kVA per horsepower on the different voltages shall be marked with the code letter for the voltage giving the highest locked-rotor kVA per horsepower.

11.7 Motors rated from 601 V - 7.2 kV, or greater than 500 hp, exceeding the locked-rotor limits in Tables 8.1 or 8.2, as applicable, shall be marked with the measured locked-rotor current.